5 Power Modules

NOTICE

- All power modules (except the 870 W PoE power module) are hot swappable, but it is highly recommended that you power off a switch before removing or installing a power module in the switch to protect personal and equipment safety.
- Before replacing a power module in a switch, make sure that the switch can be powered by the other power module after the power module is removed. Otherwise, services on the switches will be interrupted by a power failure when the power module is removed.
- Before powering off a switch, shut down all of its power supply units.
- A switch can only use power modules matching its chassis model. Using unsupported power modules will cause unexpected risks.
- If a switch has two power modules for 1+1 power redundancy and one of them is powered off, the indicator of this power module will not turn off immediately. This is a normal situation.
- If the total power of powered devices (PDs) connected to a PoE switch exceeds the rated PoE power of a single power module in the switch, the switch does not support 1+1 redundancy of the PoE power modules. If you need to power off one power module, limit the total power of PDs within the PoE power that one power module can provide.

5.1 PAC-60WA-L (60 W AC Power Module)

Product Support

Table 5-1 lists the switch models supporting a 60 W AC power module.

Table 5-1 Product support for a 60 W AC power module

Power Module Name	Product Support
PAC-60WA-L	S5721-28X-SI-24S-AC, S5720-28P-SI-AC, S5720-52P-SI-AC, S5720-28X-SI-AC, S5720-28X-SI-DC, S5720-52X-SI-AC, S5720-52X-SI-DC

Appearance

Figure 5-1 Appearance of a 60 W AC power module

Function

Table 5-2 describes the functions of a 60 W AC power module.

Table 5-2 Functions of a 60 W AC power module

Function	Description
Input protection	Provides protection against input undervoltage condition.
Output protection	Provides protection against output undervoltage, output overvoltage, output overcurrent, and output short circuit conditions.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (70°C or 158°F), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

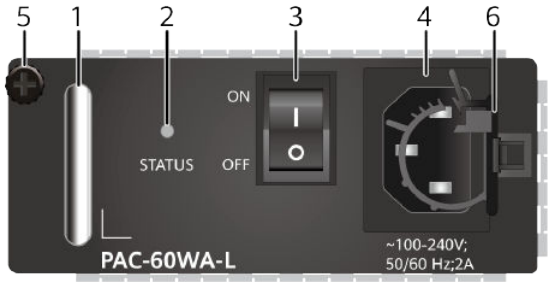
Function	Description
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-2 Panel of a 60 W AC power module



1. Handle	2. Indicator	3. Power switch	4. AC power socket
5. Captive screw	6. AC power cable locking strap	-	-

Table 5-3 describes the indicator on the 60 W AC power module panel.

Table 5-3 Indicator on the 60 W AC power module panel

Indicator	Color	Description
STATUS	Green	Off: • The power input is abnormal (no input, overvoltage, or undervoltage). • The power output is abnormal (undervoltage or overtemperature). Steady on: The AC power input is normal.

Specifications

Table 5-4 lists technical specifications of a 60 W AC power module.

Table 5-4 Technical specifications of a 60 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current	2 A
Maximum output current	5 A
Rated output voltage	12 V
Maximum output power	60 W
Part number	98010653

5.2 LS5M100PWA00/ES0W2PSA0150 (150 W AC Power Module)

Product Support

Table 5-5 lists the switch models supporting a 150 W AC power module.

Table 5-5 Product support for a 150 W AC power module

Power Module Name	Product Support
LS5M100PWA00 (purple gray)	S5700-28C-EI, S5700-28C-EI-24S, S5700-52C-EI, S5700-28C-SI, S5700-52C-SI, S5710-28C-LI, S5710-52C-LI

Power Module Name	Product Support
ES0W2PSA0150 (black)	S5700-28P-LI-BAT, S5700-28P-LI-24S-BAT, S5710-28C-EI, S5710-52C-EI, S5720-28P-SI-AC, S5720-28X-SI-AC, S5720-28X-SI-DC, S5720-52P-SI-AC, S5720-52X-SI-AC, S5720-52X-SI-DC, S5720-36C-EI-AC, S5720-36C-EI-DC, S5720-56C-EI-AC, S5720-56C-EI-DC, S5720-36C-EI-28S-AC, S5720-36C-EI-28S-DC, S5720-56C-EI-48S-AC, S5720-56C-EI-48S-DC, S5720-36PC-EI-AC, S5720-56PC-EI-AC, S5730-48C-SI-AC, S5730-68C-SI-AC, S5730S-48C-EI-AC, S5730S-68C-EI-AC, S5730-36C-HI, S5730-44C-HI, S5730-60C-HI, S5730-68C-HI, S5730-44C-HI-24S, S5730-36C-HI-24S, S5720-52X-SI-48S

Appearance

Figure 5-3 Appearance of a 150 W AC power module (LS5M100PWA00)

Figure 5-4 Appearance of a 150 W AC power module (ES0W2PSA0150)

Function

Table 5-6 describes the functions of a 150 W AC power module.

Table 5-6 Functions of a 150 W AC power module

Function	Description
Input protection	Input undervoltage and overvoltage protection is provided.
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (70°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-5 Panel of a 150 W AC power module (LS5M100PWA00)

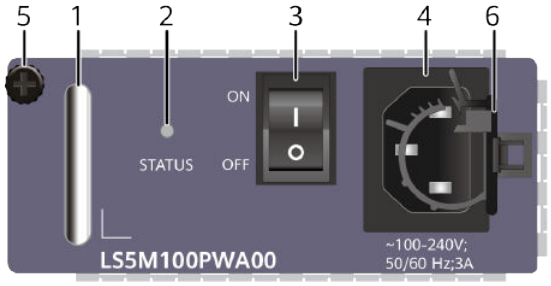
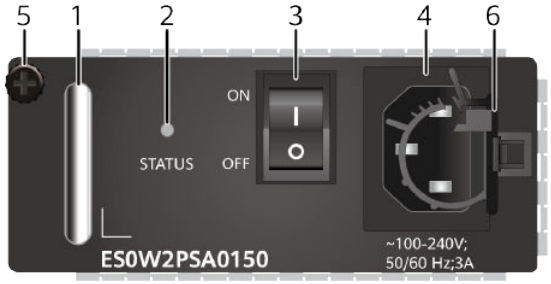


Figure 5-6 Panel of a 150 W AC power module (ES0W2PSA0150)



1. Handle	2. Power status indicator	3. Power switch	4. AC power socket
5. Captive screw	6. AC power cable locking strap	-	-

Table 5-7 describes the indicator on the 150 W AC power module panel.

Table 5-7 Description of the indicator on the 150 W AC power module panel

Indicator	Color	Description
STATUS	Green	Off: • The input power is out of range, for example, no AC input power, AC input overvoltage, or AC input undervoltage. • The output power is out of range, for example, undervoltage or overtemperature occurs. Steady on: The AC power input is in the normal range. Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 5-8 describes technical specifications of a 150 W AC power module.

Table 5-8 Technical specifications of a 150 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current	3 A
Maximum output current	12.5 A

Item	Description
Rated output voltage	12 V
Maximum output power	150 W
Part number	LS5M100PWA00: 02316783 ES0W2PSA0150: 02310JFA

5.3 LS5M100PWD00/ES0W2PSD0150 (150 W DC Power Module)

Product Support

Table 5-9 lists switch models supporting a 150 W DC power module.

Table 5-9 Product support for a 150 W DC power module

Power Module Name	Product Support
LS5M100PWD00 (purple gray)	S5700-28C-EI, S5700-28C-EI-24S, S5700-52C-EI, S5700-28C-SI, S5700-52C-SI, S5710-28C-LI, S5710-52C-LI
ES0W2PSD0150 (black)	S5700-28P-LI-BAT, S5700-28P-LI-24S-BAT, S5710-28C-EI, S5710-52C-EI, S5720-28P-SI-AC, S5720-28X-SI-AC, S5720-28X-SI-DC, S5720-52P-SI-AC, S5720-52X-SI-AC, S5720-52X-SI-DC, S5721-28X-SI-24S-AC, S5720-36C-EI-AC, S5720-36C-EI-DC, S5720-56C-EI-AC, S5720-56C-EI-DC, S5720-36C-EI-28S-AC, S5720-36C-EI-28S-DC, S5720-56C-EI-48S-AC, S5720-56C-EI-48S-DC, S5720-36PC-EI-AC, S5720-56PC-EI-AC, S5730-48C-SI-AC, S5730-68C-SI-AC, S5730S-48C-EI-AC, S5730S-68C-EI-AC, S5730-36C-HI, S5730-44C-HI, S5730-60C-HI, S5730-68C-HI, S5730-44C-HI-24S, S5730-36C-HI-24S, S5720-52X-SI-48S

Appearance

Figure 5-7 Appearance of a 150 W DC power module (LS5M100PWD00)

Figure 5-8 Appearance of a 150 W DC power module (ES0W2PSD0150)

Function

Table 5-10 describes the functions of a 150 W DC power module.

Table 5-10 Functions of a 150 W DC power module

Function	Description
Alarm function	Alarms for various power supply events, such as no power input, air breaker status, ineffective surge protection, and input undervoltage are supported.
Short circuit	-
Surge protection	-
Hot swapping	Supported

Panel Description

Figure 5-9 Panel of a 150 W DC power module (LS5M100PWD00)

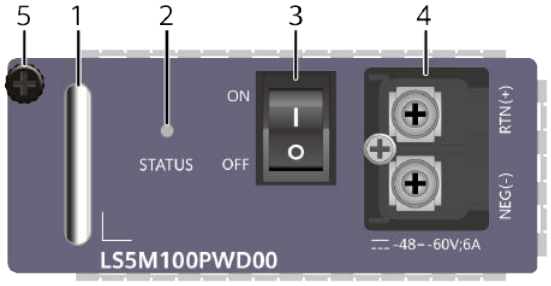
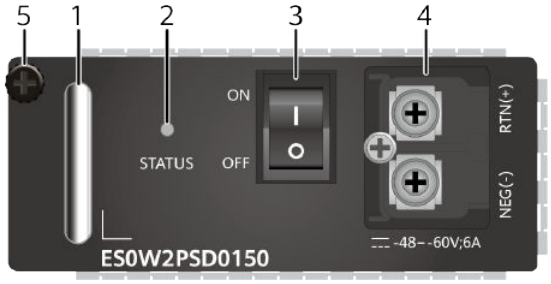


Figure 5-10 Panel of a 150 W DC power module (ES0W2PSD0150)



1. Handle	2. Power status indicator	3. Power switch	4. DC power terminal	5. Captive screw

Table 5-11 describes indicators on a 150 W DC power module panel.

Table 5-11 Description of indicators on a 150 W DC power module panel

Indicator	Color	Description
STATUS	Green	Off: • The input power is out of range, for example, no DC input power, DC input overvoltage, or DC input undervoltage. • The output power is out of range, for example, undervoltage or overtemperature occurs. Steady on: The DC power input is in the normal range. Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 5-12 describes technical specifications of a 150 W DC power module.

Table 5-12 Technical specifications of a 150 W DC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)
Rated input voltage range	-48 V DC to -60 V DC
Maximum input voltage range	-36 V DC to -72 V DC
Maximum input current	6 A
Maximum output current	12.5 A
Rated output voltage	12 V
Maximum output power	150 W
Part number	LS5M100PWD00: 02316784 ES0W2PSD0150: 02310JFD

5.4 PAC-350WA-B (350 W AC Power Module)

Version Mapping

Table 5-13 lists the switch models supporting a 350 W AC power module.

Table 5-13 Product support for a 350 W AC power module

Power Module Name	Product Support
PAC-350WA-B	S5710-108C-PWR-HI

Appearance

Figure 5-11 Appearance of a 350 W AC power module

Function

Table 5-14 describes the functions of a 350 W AC power module.

Table 5-14 Functions of a 350 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.

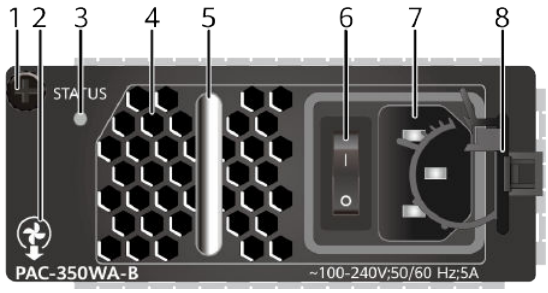
Function	Description
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-12 Panel of a 350 W AC power module



1. Captive screw	2: Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. Power switch	7. AC power socket	8. AC power cable locking strap

Table 5-15 describes the indicator on the 350 W AC power module panel.

Table 5-15 Description of the indicator on the 350 W AC power module panel

Indicator	Color	Description
STATUS	Green	Off: The AC power input is abnormal (for example, no input, overvoltage, or undervoltage) or AC power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature). Steady on: The power module is working properly.

Specifications

Table 5-16 lists specifications of a 350 W AC power module.

Table 5-16 Specifications of a 350 W AC power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.918 kg (2.02 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage	90 V AC to 290 V AC, 45 Hz to 65 Hz
Maximum input current	5 A
Maximum output current	29.17 A
Rated output voltage	12 V
Maximum output power	350 W
Part number	02130971

5.5 W0PSA2500 (250 W AC PoE Power Module)

Product Support

Table 5-17 lists the switch models supporting a 250 W AC PoE power module.

Table 5-17 Product support for a 250 W AC PoE power module

Power Module Name	Product Support
W0PSA2500	S5700-28C-PWR-EI, S5700-52C-PWR-EI, S5700-28C-PWR-SI, S5700-52C-PWR-SI, S5700-24TP-PWR-SI, S5700-48TP-PWR-SI, S5710-28C-PWR-LI, S5710-52C-PWR-LI

Appearance

Figure 5-13 Appearance of the 250 W AC PoE power module

Function

Table 5-18 describes the functions of a 250 W AC PoE power module.

Table 5-18 Functions of a 250 W AC PoE power module

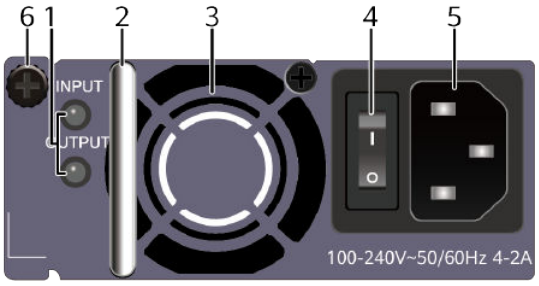
Function	Description
PoE power supply	Complying with IEEE 802.3af and IEEE 802.3at, the PoE power module is able to remotely provide power for the devices of different vendors. IEEE 802.3af supports a maximum of 15.4 W power and IEEE 802.3at supports a maximum of 30 W power.
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	-
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-14 Panel of a 250 W AC PoE power module



1. Power status indicator	2. Handle	3. Fan	4. Switch
5. AC power socket	6. Captive screw	-	-

Table 5-19 describes indicators on a 250 W AC PoE power module panel.

Table 5-19 Description of indicators on a 250 W AC PoE power module panel

Indicator	Color	Description
INPUT	-	Off: The power module receives no input power.
	Green	Steady on: The AC input power is in the normal range.
	Red	Steady on: The AC input power is out of range, for example, undervoltage or overvoltage.
OUTPUT	-	Off: The power module has no output power.
	Green	Steady on: The AC output power is in the normal range.
	Red	Steady on: The power output is out of range. • Abnormal power fan operation • Output overvoltage • Output overcurrent • Short circuit • Overtemperature

Specifications

Table 5-20 describes technical specifications of a 250 W AC PoE power module.

Table 5-20 Technical specifications of a 250 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.8 kg (1.76 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Input current	4 A to 2 A
Maximum output current	• +12 V: 10 A • -53.5 V: 2.5 A
Maximum output power	• PoE: 130 W • Total: 250 W
Part number	02130878

5.6 W0PSA5000/PAC-500WA-BE (500 W AC PoE Power Module)

Product Support

Table 5-21 lists the switch models supporting a 500 W AC PoE power modules.

Table 5-21 Product support for a 500 W AC PoE power module

Power Module Name	Product Support
W0PSA5000 (purple gray)	S5700-28C-PWR-EI, S5700-52C-PWR-EI, S5700-28C-PWR-SI, S5700-52C-PWR-SI, S5700-24TP-PWR-SI, S5700-48TP-PWR-SI, S5710-28C-PWR-LI, S5710-52C-PWR-LI
PAC-500WA-BE (black)	S5720-28X-PWR-SI-AC, S5720-28X-PWR-SI-DC, S5720-52X-PWR-SI-AC, S5720-52X-PWR-SI-DC, S5720-36C-PWR-EI-AC, S5720-36C-PWR-EI-DC, S5720-56C-PWR-EI-DC, S5720-56C-PWR-EI-AC, S5730-48C-PWR-SI-AC, S5730S-48C-PWR-EI, S5730-68C-PWR-SI-AC, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-15 Appearance of a 500 W AC PoE power module (W0PSA5000)

Figure 5-16 Appearance of a 500 W AC PoE power module (PAC-500WA-BE)

Function

Table 5-22 describes the functions of a 500 W AC PoE power module.

Table 5-22 Functions of a 500 W AC PoE power module

Function	Description
PoE power supply	Complying with IEEE 802.3af and IEEE 802.3at, the PoE power module is able to remotely provide power for the devices of different vendors. IEEE 802.3af supports a maximum of 15.4 W power and IEEE 802.3at supports a maximum of 30 W power.
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output undervoltage, overvoltage, overcurrent, and short-circuit protection is provided.

Function	Description
Overtemperature protection	-
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-17 Panel of a 500 W AC PoE power module (W0PSA5000)

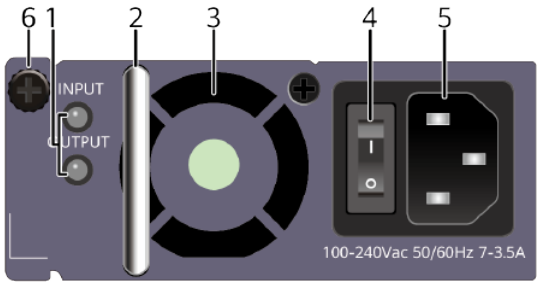
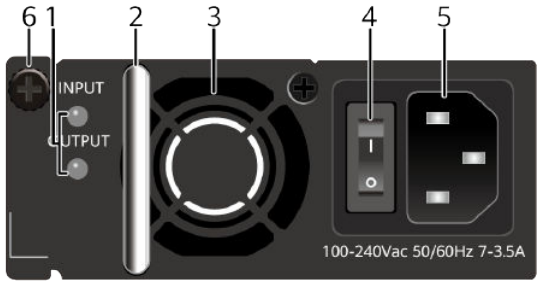


Figure 5-18 Panel of a 500 W AC PoE power module (PAC-500WA-BE)



1. Power status indicator	2. Handle	3. Fan	4. Switch
5. AC power socket	6. Captive screw	-	-

Table 5-23 describes indicators on a 500 W AC PoE power module panel.

Table 5-23 Description of indicators on a 500 W AC PoE power module panel

Indicator	Color	Description
INPUT	-	Off: The power module receives no input power.
	Green	Steady on: The AC input power is in the normal range.
	Red	Steady on: The AC input power is out of range, for example, undervoltage or overvoltage.
OUTPUT	-	Off: The power module has no output power.
	Green	Steady on: The AC output power is in the normal range.
	Red	Steady on: The power output is out of range. • Abnormal power fan operation • Output overvoltage • Output overcurrent • Short circuit • Overtemperature

Specifications

Table 5-24 describes technical specifications of a 500 W AC PoE power module.

Table 5-24 Technical specifications of a 500 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	1.06 kg (2.34 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current	7 A to 3.5 A
Maximum output current	• +12 V: 10 A • -53.5 V: 7.11 A
Maximum output power	• +12 V: 120 W • -53.5 V: 380 W (PoE: 369.6 W)

Item	Description
Part number	W0PSA5000: 02130879 PAC-500WA-BE: 02311BXV

5.7 W2PSA0580 (580 W AC PoE Power Module)

Product Support

Table 5-25 lists the switch models supporting a 580 W AC PoE power module.

Table 5-25 Product support for a 580 W AC PoE power module

Power Module Name	Product Support
W2PSA0580	S5710-52C-PWR-EI, S5710-28C-PWR-EI-AC, S5710-52C-PWR-EI-AC, S5720-56C-PWR-HI-AC1

Appearance

Figure 5-19 Appearance of the 580 W AC PoE power module

Function

Table 5-26 describes the functions of a 580 W AC PoE power module.

Table 5-26 Functions of a 580 W AC PoE power module

Function	Description
PoE power supply	Provides a maximum of 369.6 W PoE power.

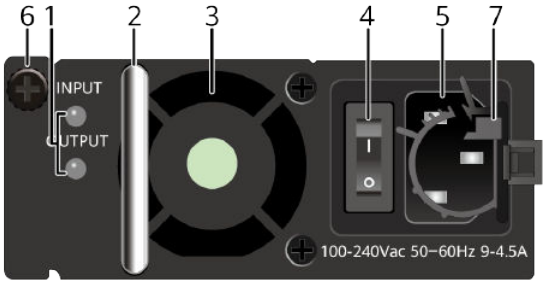
Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (75°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel Description

Figure 5-20 Panel of a 580 W AC PoE power module



1. Power status indicator	2. Handle	3. Fan	4. Switch
5. AC power socket	6. Captive screw	7. AC power cable locking strap	-

Table 5-27 describes indicators on a 580 W AC PoE power module panel.

Table 5-27 Description of indicators on a 580 W AC PoE power module panel

Indicator	Color	Description
INPUT	-	Off: The power module receives no input power.

Indicator	Color	Description
	Green	Steady on: The AC input power is in the normal range.
	Red	Steady on: The AC input power is out of range, for example, undervoltage or overvoltage.
OUTPUT	-	Off: The power module has no output power.
	Green	Steady on: The AC output power is in the normal range.
	Red	Steady on: The power output is out of range. • Abnormal power fan operation • Output overvoltage • Output overcurrent • Short circuit • Overtemperature

Specifications

Table 5-28 describes technical specifications of a 580 W AC PoE power module.

Table 5-28 Technical specifications of a 580 W AC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	< 1.6 kg (3.53 lb)
Rated input voltage range	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage range	90 V AC to 290 V AC, 47 Hz to 63 Hz
Input current	9 A to 4.5 A
Maximum output current	• +12 V: 16.66 A • -53.5 V: 7.11 A
Maximum output power	• PoE: 369.6 W • Total: 580 W
Part number	02130953

5.8 PDC-650WA-BE (650 W DC PoE Power Module)

Product Support

Table 5-29 lists the switch models supporting a 650 W DC PoE power module.

Table 5-29 Product support for a 650 W DC PoE power module

Power Module Name	Product Support
PDC-650WA-BE	S5720-28X-PWR-SI-AC, S5720-28X-PWR-SI-DC, S5720-52X-PWR-SI-AC, S5720-52X-PWR-SI-DC, S5720-36C-PWR-EI-AC, S5720-36C-PWR-EI-DC, S5720-56C-PWR-EI-AC, S5720-56C-PWR-EI-DC, S5730-48C-PWR-SI-AC, S5730S-48C-PWR-EI, S5730-68C-PWR-SI-AC, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-21 Appearance of a 650 W DC PoE power module (PDC-650WA-BE)

Function

Table 5-30 describes the functions of a 650 W DC PoE power module.

Table 5-30 Functions of a 650 W DC PoE power module

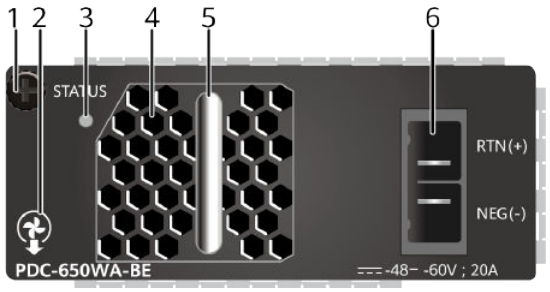
Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-22 Panel of a 650 W DC PoE power module (PDC-650WA-BE)



1. Captive screw	2: Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. DC power socket	-	-

Table 5-31 describes the indicator on the 650 W DC PoE power module panel.

Table 5-31 Description of indicator on the 650 W DC PoE power module panel

Indicator	Color	Description
STATUS: running status indicator	Green	• Off: The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature). • Steady on: The power module is working normally.

Specifications

Table 5-32 describes technical specifications of a 650 W DC PoE power module.

Table 5-32 Technical specifications of a 650 W DC PoE power module

Item	Description
Dimensions (H x W x D)	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight	0.83 kg (1.83 lb)
Rated input voltage range	-48 V DC to -60 V DC

Item	Description
Maximum input voltage	-38.4 V DC to -72 V DC
Maximum input current	20 A
Maximum output current	• +12 V: 22.5 A • -53.5 V: 7.11 A
Rated output power	• PoE power: 369.6 W • Total power: 650 W
Part number	02270152

5.9 PAC1000D5412 (1000 W AC PoE Power Module)

Product Support

Table 5-33 lists the switch models supporting a 1000 W AC PoE power module.

Table 5-33 Product support for a 1000 W AC PoE power module

Power Module Name	Product Support
PAC1000D5412	S5720-52X-PWR-SI-ACF, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5720-56C-PWR-EI-AC1, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-23 Appearance of a 1000 W AC PoE power module

Functions

Table 5-34 describes the functions of a 1000 W AC PoE power module.

Table 5-34 Functions of a 1000 W AC PoE power module

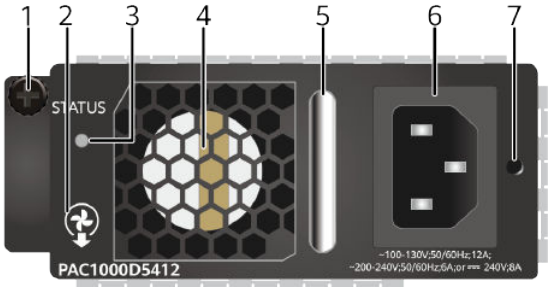
Function	Description
PoE power supply	Provides a maximum of 754.6 W PoE power.
Input protection	Provides protection against input overvoltage and input undervoltage.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (80°C or 176°F), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-24 Panel of a 1000 W AC PoE power module



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Fan
5. Handle	6. AC power socket	7. AC power cable locking strap	-

Table 5-35 describes indicators on a 1000 W AC PoE power module.

Table 5-35 Description of indicator on a 1000 W AC PoE power module

Indicator	Color	Description
STATUS	Green	Off: • The AC power input is abnormal, for example, no AC input power, AC input overvoltage, or AC input undervoltage occurs. • The AC power output is abnormal, for example, output undervoltage or overtemperature occurs. Steady on: The AC power input is in normal range.

Specifications

Table 5-36 lists the specifications of a 1000 W AC PoE power module.

Table 5-36 Specifications of a 1000 W AC PoE power module

Item	Description
Dimensions (H x W x D)	42 mm x 99 mm x 204 mm (1.7 in. x 3.9 in. x 8.0 in.)
Weight	1.1 kg (2.43 lb)
Rated input voltage range	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Maximum input voltage range	90 V AC to 290 V AC, 47 Hz to 63 Hz 190 V DC to 290 V DC
Input current	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 6 A 240 V DC: 8 A
Maximum output current	• 12 V: 20.84 A • 53.5 V: 14.58 A • 56 V: 13.93 A

Item	Description
Maximum output power	100 V AC to 130 V AC input: • PoE: 754.6 W • Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: • PoE: 754.6 W • Total: 1000 W
Operating altitude	100 V AC to 130 V AC: 0-3000 m 200 V AC to 240 V AC: 0-5000 m 240 V DC: 0-5000 m
Part number	02312EJK

5.10 W2PSA1150 (1150 W AC PoE Power Module)

Product Support

Table 5-37 lists the switch models supporting a 1150 W AC PoE power module.

Table 5-37 Product support for a 1150 W AC PoE power module

Power Module Name	Product Support
W2PSA1150	S5710-52C-PWR-EI, S5720-52X-PWR-SI-ACF, S5720-56C-PWR-HI-AC, S5710-108C-PWR-HI, S5720-56C-PWR-EI-AC1, S5730-68C-PWR-SI, S5730S-68C-PWR-EI, S5730-36C-PWH-HI, S5730-44C-PWH-HI, S5730-60C-PWH-HI, S5730-68C-PWH-HI

Appearance

Figure 5-25 Appearance of a 1150 W AC PoE power module (W2PSA1150)

Figure 5-26 shows a 1150 W AC PoE power module installed on a switch.

Figure 5-26 1150 W AC PoE power module on a switch

NOTE

If a switch uses 1150 W power modules, it is recommended that the switch be installed in an 800 mm or deeper standard cabinet. If the switch is installed in a 600 mm deep cabinet, the rear door of the cabinet cannot be closed.

Functions

Table 5-38 describes the functions of a 1150 W AC PoE power module.

Table 5-38 Functions of a 1150 W AC PoE power module

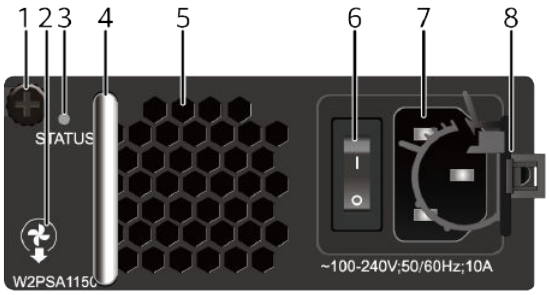
Function	Description
PoE power supply	Provides a maximum of 785.4 W PoE power.
Input protection	Provides protection against input overcurrent and input undervoltage.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (70°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Panel

Figure 5-27 Panel of a 1150 W AC PoE power module (W2PSA1150)



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Handle
5. Fan	6. Power switch	7. AC power socket	8. AC power cable locking strap

Table 5-39 describes indicators on a 1150 W AC PoE power module panel.

Table 5-39 Description of indicators on a 1150 W AC PoE power module panel

Indicator	Color	Description
STATUS	Green	Off: • The AC power input is abnormal, for example, no AC input power, AC input overvoltage, or AC input undervoltage occurs. • The AC power output is abnormal, for example, output undervoltage or overtemperature occurs. Steady on: The AC power input is in the normal range. Blinking: The AC power output is abnormal, for example, overvoltage, overcurrent, or short circuit occurs.

Specifications

Table 5-40 lists the specifications of a 1150 W AC PoE power module.

Table 5-40 Technical specifications of a 1150 W AC PoE power module

Item	Description
Dimensions (H x W x D)	41.4 mm x 100.0 mm x 281.0 mm (1.63 in. x 3.9 in. x 11.1 in.)
Weight	< 1.6 kg (3.53 lb)
Rated input voltage	100 V AC to 240 V AC, 50/60 Hz
Maximum input voltage	90 V AC to 290 V AC, 45 Hz to 65 Hz
Input current	10 A
Maximum output current	• +12 V: 29.17 A • -53.5 V: 14.95 A
Maximum output power	• PoE: 785.4 W (220 V)/446.6 W (110 V) • Total: 1150 W (220 V)/800 W (110 V)
Part number	02130984

5.11 PAC60S12-AR (60 W AC&240 V DC Power Module)

Overview

Table 5-41 Basic information about the PAC60S12-AR

Item	Details
Description	60 W AC&240 V DC Power Module
Part Number	02312SLE
Model	PAC60S12-AR

Appearance

Figure 5-28 Appearance of the PAC60S12-AR

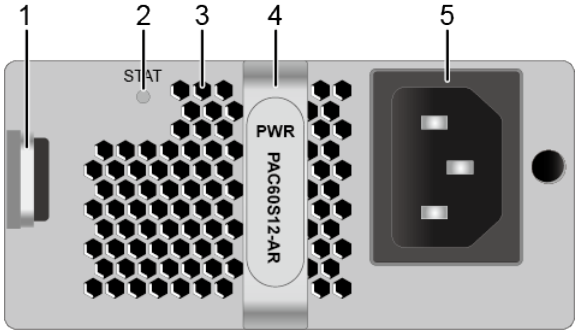
Version Mapping

Table 5-42 Mappings between PAC60S12-AR and product models

Product	Product Model	First Supported Version
S5735-S	S5735-S24T4X (98010938)	V200R019C00
S5735-S	S5735-S32ST4X (98010931)	V200R019C00
S5735-S	S5735-S48T4X (98010941)	V200R019C00
S5735S-S	S5735S-S24T4S-A (98010939)	V200R019C00
S5735S-S	S5735S-S24T4X-A (98010967)	V200R019C10
S5735S-S	S5735S-S32ST4X-A (98010932)	V200R019C00
S5735S-S	S5735S-S48T4S-A (98010942)	V200R019C00
S5735S-S	S5735S-S48T4X-A (98010968)	V200R019C10
S5735-S-I	S5735-S24T4X-I (98010960)	V200R019C10

Panel

Figure 5-29 Panel of the PAC60S12-AR



1. Lock	2. Indicator	3. Air vent	4. Handle
5. AC power socket	-	-	-

Table 5-43 Indicators on the PAC60S12-AR

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).
		Green	Steady on	The power module is working normally.

Silkscreen	Name	Color	Status	Description
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-44 Functions of a 60 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-45 Technical specifications of the PAC60S12-AR

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.68 kg (1.5 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 2 A 240 V DC: 2 A
Rated output voltage [V]	12 V
Rated output current [A]	5 A
Rated output power [W]	60 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.12 PAC150S12-R (150 W AC Power Module)

Overview

Table 5-46 Basic information about the PAC150S12-R

Item	Details
Description	150 W AC Power Module
Part Number	02312DUY
Model	PAC150S12-R

Appearance

Figure 5-30 Appearance of the PAC150S12-R

Version Mapping

Table 5-47 Mappings between PAC150S12-R and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (02353AHU)	V200R019C00
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600
S5731-S	S5731-S32ST4X (98011813)	V200R021C01
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600
S5731-S	S5731-S48S4X (98011805)	V200R021C01
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600
S5731-S	S5731-S48T4X (02353AJB)	V200R019C00
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10

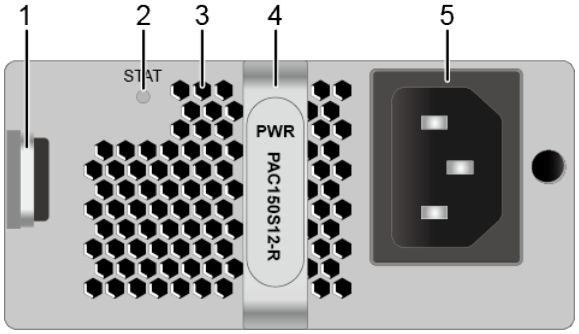
Product	Product Model	First Supported Version
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C00
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C00
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600
S5731-H	S5731-H24T4XC (02352QPP)	V200R019C00
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600
S5731-H	S5731-H48T4XC (02352QPT)	V200R019C00
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600
S5731-H	S5731-H48T4XC-B (02353VAD)	V200R020C00
S5731-H	S5731-H48T4XC-B (02353VAD-003)	V200R020C10

Product	Product Model	First Supported Version
S5731-H	S5731-H48T4XC-B (02353VAD-005)	V200R021C10SPC600
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C00
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C00
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C00
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C00
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600

Product	Product Model	First Supported Version
S5735-S	S5735-S48S4X (98010947)	V200R019C00
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01
S5735S-H	S5735S-H24T4XC-A (98011025)	V200R020C00
S5735S-H	S5735S-H48T4XC-A (98011029)	V200R020C00
S5736-S	S5736-S24S4XC (98011038)	V200R021C01
S5736-S	S5736-S48S4XC (98011042)	V200R021C01

Panel

Figure 5-31 Panel of the PAC150S12-R



1. Lock	2. Indicator	3. Air vent	4. Handle
5. AC power socket	-	-	-

Table 5-48 Indicators on the PAC150S12-R

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).
		Green	Steady on	The power module is working normally.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-49 Functions of a 150 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.

Function		Description
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-50 Technical specifications of the PAC150S12-R

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.8 kg (1.76 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	3 A
Rated output voltage [V]	12 V
Rated output current [A]	12.5 A

Item	Specification
Rated output power [W]	150 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.13 W0PSA1701 (170 W AC Power Module)

Overview

Table 5-51 Basic information about the W0PSA1701

Item	Details
Description	170 W AC Power Module
Part Number	02130966
Model	W0PSA1701

Appearance

Figure 5-32 Appearance of the W0PSA1701

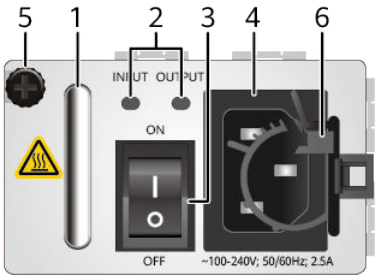
Version Mapping

Table 5-52 Mappings between W0PSA1701 and product models

Product	Product Model	First Supported Version
S5700-HI	S5700-28C-HI (02353630)	V100R006C01
S5700-HI	S5700-28C-HI-24S (02353631)	V100R006C01

Panel

Figure 5-33 Panel of the W0PSA1701



1. Handle	2. Power status indicator	3. Power switch	4. AC power socket
5. Captive screw	6. AC power cable locking strap	-	-

Table 5-53 Indicators on the W0PSA1701

Silkscreen	Name	Color	Status	Description
INPUT	Power input indicator	-	Steady off	The AC input power is out of range.
		Green	Steady on	The AC power input is in the normal range.
OUTPUT	Power output indicator	-	Steady off	The AC output power is out of range.

Silkscreen	Name	Color	Status	Description
		Green	Steady on	The AC output power is in the normal range.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-54 Functions of a 170 W AC power module

Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage and short-circuit protection is provided.
Alarm function	Various alarms such as the alarm triggered when there is no power input and the alarm triggered when there is no power output are supported.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (75°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-55 Technical specifications of the W0PSA1701

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 70 mm x 205 mm (1.6 in. x 2.8 in. x 8.1 in.)
Weight without packaging [kg(lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	2.5 A
Rated output voltage [V]	12 V
Rated output current [A]	14.2 A
Rated output power [W]	170 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.14 ES5M0PSD1700 (170 W DC Power Module)

Overview

Table 5-56 Basic information about the ES5M0PSD1700

Item	Details
Description	170 W DC Power Module
Part Number	02310GBM
Model	ES5M0PSD1700

Appearance

Figure 5-34 Appearance of the ES5M0PSD1700

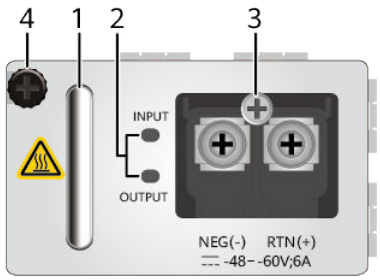
Version Mapping

Table 5-57 Mappings between ES5M0PSD1700 and product models

Product	Product Model	First Supported Version
S5700-HI	S5700-28C-HI (02353630)	V100R006C01
S5700-HI	S5700-28C-HI-24S (02353631)	V100R006C01

Panel

Figure 5-35 Panel of the ES5M0PSD1700



1. Handle	2. Power status indicator	3. DC power terminal	4. Captive screw

Table 5-58 Indicators on the ES5M0PSD1700

Silkscreen	Name	Color	Status	Description
INPUT	Power input indicator	-	Steady off	The DC input power is out of range.
		Green	Steady on	The DC power input is in the normal range.
OUTPUT	Power output indicator	-	Steady off	The DC output power is out of range.
		Green	Steady on	The DC output power is in the normal range.
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-59 Functions of a 170 W DC power module

Function	Description
Input protection	Input overcurrent and undervoltage protection is provided.
Output protection	Output overvoltage and short-circuit protection is provided.
Alarm function	Various alarms such as the alarm triggered when there is no power input and the alarm triggered when there is no power output are supported.

Function	Description
Reversed connection protection	-
Overtemperature protection	When the temperature of the power module exceeds a specified threshold (75°C), the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Surge protection	-
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-60 Technical specifications of the ES5M0PSD1700

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 70 mm x 205 mm (1.6 in. x 2.8 in. x 8.1 in.)
Weight without packaging [kg(lb)]	1.0 kg (2.2 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-36 V DC to -72 V DC
Maximum input current [A]	6 A
Rated output voltage [V]	12 V
Rated output current [A]	14.2 A
Rated output power [W]	170 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.15 PDC180S12-CR (180 W DC Power Module)

Overview

Table 5-61 Basic information about the PDC180S12-CR

Item	Details
Description	180 W DC Power Module
Part Number	02312VRE
Model	PDC180S12-CR

Appearance

Figure 5-36 Appearance of the PDC180S12-CR

Version Mapping

Table 5-62 Mappings between PDC180S12-CR and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (02353AHU)	V200R020C00
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600
S5731-S	S5731-S32ST4X (98011813)	V200R021C01

Product	Product Model	First Supported Version
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600
S5731-S	S5731-S48S4X (98011805)	V200R021C01
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600
S5731-S	S5731-S48T4X (02353AJB)	V200R020C00
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R020C00
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R020C00
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600
S5731-H	S5731-H24T4XC (02352QPP)	V200R020C00
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600

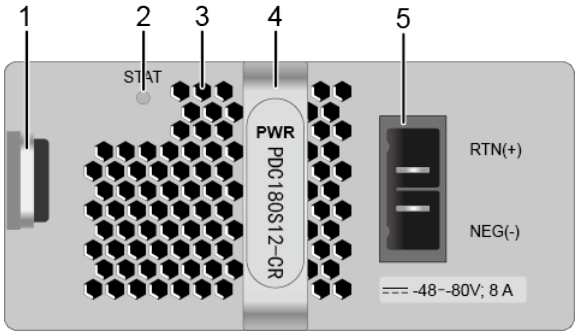
Product	Product Model	First Supported Version
S5731-H	S5731-H48T4XC (02352QPT)	V200R020C00
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600
S5731-H	S5731-H48T4XC-B (02353VAD)	V200R020C00
S5731-H	S5731-H48T4XC-B (02353VAD-003)	V200R020C10
S5731-H	S5731-H48T4XC-B (02353VAD-005)	V200R021C10SPC600
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R020C00
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R020C00
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R020C00
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R020C00
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R020C00

Product	Product Model	First Supported Version
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R020C00
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600
S5735-S	S5735-S24T4X (98010938)	V200R020C00
S5735-S	S5735-S32ST4X (98010931)	V200R020C00
S5735-S	S5735-S48S4X (98010947)	V200R020C00
S5735-S	S5735-S48T4X (98010941)	V200R020C00
S5735S-S	S5735S-S24T4S-A (98010939)	V200R020C00
S5735S-S	S5735S-S24T4X-A (98010967)	V200R020C00
S5735S-S	S5735S-S32ST4X-A (98010932)	V200R020C00
S5735S-S	S5735S-S48T4S-A (98010942)	V200R020C00
S5735S-S	S5735S-S48T4X-A (98010968)	V200R020C00
S5735-S-I	S5735-S24T4X-I (98010960)	V200R020C00
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01
S5735S-H	S5735S-H24T4XC-A (98011025)	V200R020C00
S5735S-H	S5735S-H48T4XC-A (98011029)	V200R020C00
S5736-S	S5736-S24S4XC (98011038)	V200R021C01

Product	Product Model	First Supported Version
S5736-S	S5736-S48S4XC (98011042)	V200R021C01

Panel

Figure 5-37 Panel of the PDC180S12-CR



1. Lock	2. Indicator	3. Air vent	4. Handle
5. DC power socket	-	-	-

Table 5-63 Indicators on the PDC180S12-CR

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).
		Green	Steady on	The power module is working normally.

Silkscreen	Name	Color	Status	Description
		Green	Blinking	The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.

Functions and Features

Table 5-64 Functions of a 180 W DC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-65 Technical specifications of the PDC180S12-CR

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.62 kg (1.37 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	6 A
Rated output voltage [V]	12 V
Rated output current [A]	15 A
Rated output power [W]	180 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.16 PAC240S56-CN (240 W PoE AC&HVDC Power Module)

Overview

Table 5-66 Basic information about the PAC240S56-CN

Item	Details
Description	240 W PoE AC&HVDC Power Module
Part Number	02131265
Model	PAC240S56-CN

Appearance

Figure 5-38 Appearance of the PAC240S56-CN

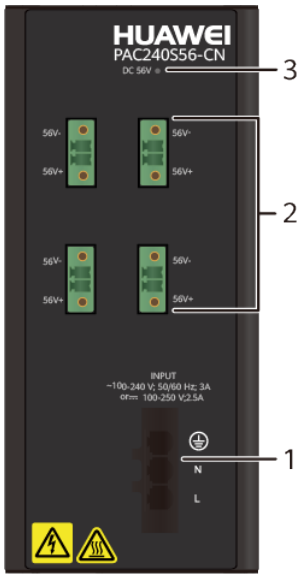
Version Mapping

Table 5-67 Mappings between PAC240S56-CN and product models

Product	Product Model	First Supported Version
S5720I-SI	S5720I-12X-PWH-SI-DC (98010795)	V200R012C00

Panel

Figure 5-39 Panel of the PAC240S56-CN



1. 3-pin AC/DC input power socket **NOTE** Connect the power adapter to an external power supply system using a power cable with a "3-Pin AC/DC Power Terminal Block". The customer needs to prepare the power cable. The recommended conductor diameter of the power cable is 1.0 mm^2.	2. Four 2-pin DC output power sockets **NOTE** Connect the power cable to the switch using a power cable with a "Power Cable (with 2PIN-I Terminal Blocks)". The customer needs to prepare the power cable. The recommended conductor diameter of the power cable is 1.0 mm^2.	3. DC 56 V power output indicator

Table 5-68 Indicators on the PAC240S56-CN

Silkscreen	Name	Color	Status	Description
DC 56V	Power output indicator	-	Steady off	The power output is abnormal or the power module is faulty.
		Green	Steady on	The power output is normal.
		Green	Blinking	The power module is in the output overvoltage or overcurrent protection state.

Functions and Features

Table 5-69 Functions and features of the PAC240S56-CN

Function	Description
System power supply and PoE power supply	The power module supports a maximum of 240 W system power and PoE power.
Input protection	The power module provides protection against input overvoltage, input undervoltage, and input overcurrent.

Function	Description
Output protection	The power module provides protection against output overvoltage, overcurrent, and short-circuit.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-70 Technical specifications of the PAC240S56-CN

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	150 mm x 65 mm x 133 mm (5.91 in. x 2.56 in. x 5.24 in.)
Weight without packaging [kg(lb)]	1.47 kg (3.24 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 100 V DC to 250 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 to 66 Hz 77 V DC to 300 V DC
Maximum input current [A]	100 V AC to 240 V AC: 3 A 100 V DC to 138 V DC: 2.5 A 138 V DC to 250 V DC: 2 A
Rated output voltage [V]	56 V DC
Rated output power [W]	Total power: 240 W
Power dissipation Mode	Natural heat dissipation without fans

5.17 PAC-260WA-E (260 W AC Power Module)

Overview

Table 5-71 Basic information about the PAC-260WA-E

Item	Details
Description	260 W AC Power Module
Part Number	98010808
Model	PAC-260WA-E

Appearance

Figure 5-40 Appearance of the PAC-260WA-E

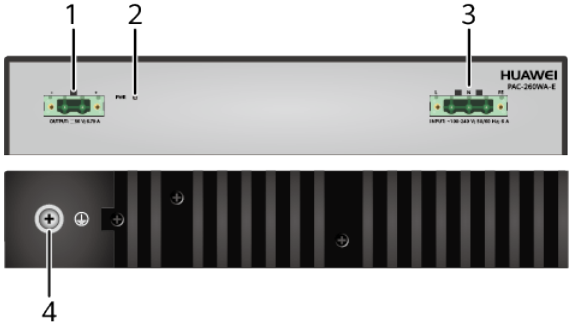
Version Mapping

Table 5-72 Mappings between PAC-260WA-E and product models

Product	Product Model	First Supported Version
S5720I-SI	S5720I-12X-PWH-SI-DC (98010795)	V200R012C00

Panel

Figure 5-41 Panel of the PAC-260WA-E



1. DC output power socket **NOTE** It must be used with the Phoenix connector, which is included in the installation accessory package.	2. PWR power supply indicator	3. AC input power socket **NOTE** It must be used with the Phoenix connector, which is included in the installation accessory package.	4. Ground screw **NOTE** It is used with a **ground cable**.

Table 5-73 Indicators on the PAC-260WA-E

Silkscreen	Name	Color	Status	Description
PWR	Power supply indicator	-	Steady off	The power module has no output power or the output power is out of range.
		Green	Steady on	The output power of the power module is in the normal range.

Functions and Features

Table 5-74 Functions of a 260 W AC power module

Function	Description
System power supply and PoE power supply	The power module supports a maximum of 20 W system power and 240 W PoE power.
Input protection	The power module provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	The power module provides protection against output overvoltage, output overcurrent, and output short-circuit.
Overtemperature protection	When the temperature of the power module is high, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-75 Technical specifications of the PAC-260WA-E

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	43.6 mm x 250.0 mm x 180.0 mm (1.72 in. x 9.84 in. x 7.09 in.)
Weight without packaging [kg(lb)]	2.5 kg (5.51 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 264 V AC, 47 Hz to 63 Hz
Maximum input current [A]	6 A
Rated output voltage [V]	56 V DC
Rated output current [A]	6.79 A
Rated output power [W]	PoE power: 240 W Total power: 260 W
Power dissipation Mode	Natural heat dissipation without fans

5.18 PDC-350WA-B (350 W DC Power Module)

Overview

Table 5-76 Basic information about the PDC-350WA-B

Item	Details
Description	350 W DC Power Module
Part Number	02310PQN
Model	PDC-350WA-B

Appearance

Figure 5-42 Appearance of the PDC-350WA-B

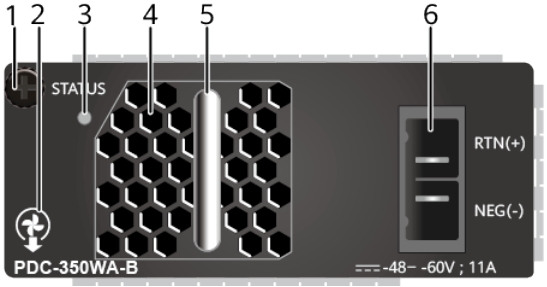
Version Mapping

Table 5-77 Mappings between PDC-350WA-B and product models

Product	Product Model	First Supported Version
S5720-HI	S5720-56C-HI-AC (02358598)	V200R006C00
S5720-HI	S5720-32C-HI-24S-AC (02358600)	V200R006C00
S5730-HI	S5730-60C-HI-48S (02351XFS)	V200R013C00
S5730-HI	S5730-68C-HI-48S (02351XFT)	V200R013C00

Panel

Figure 5-43 Panel of the PDC-350WA-B



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. DC power socket	-	-

Table 5-78 Indicators on the PDC-350WA-B

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-79 Functions of a 350 W DC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.

Function		Description
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-80 Technical specifications of the PDC-350WA-B

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight without packaging [kg(lb)]	0.72 kg (1.59 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	11 A
Rated output voltage [V]	12 V

Item	Specification
Rated output current [A]	29.17 A
Rated output power [W]	350 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.19 PAC-600WA-B (600 W AC Power Module)

Overview

Table 5-81 Basic information about the PAC-600WA-B

Item	Details
Description	600 W AC Power Module
Part Number	02310PMH
Model	PAC-600WA-B

Appearance

Figure 5-44 Appearance of the PAC-600WA-B

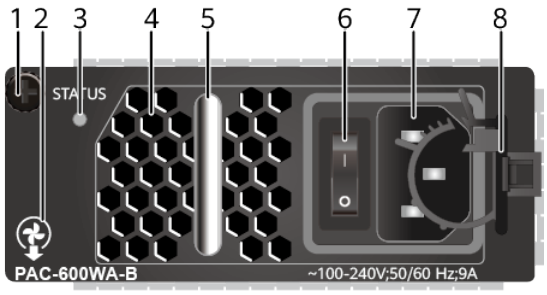
Version Mapping

Table 5-82 Mappings between PAC-600WA-B and product models

Product	Product Model	First Supported Version
S5720-HI	S5720-56C-HI-AC (02358598)	V200R006C00
S5720-HI	S5720-32C-HI-24S-AC (02358600)	V200R006C00
S5730-HI	S5730-60C-HI-48S (02351XFS)	V200R013C00
S5730-HI	S5730-68C-HI-48S (02351XFT)	V200R013C00

Panel

Figure 5-45 Panel of the PAC-600WA-B



1. Captive screw	2. Airflow flag (air out)	3. Indicator	4. Fan air vent
5. Handle	6. Power switch	7. AC power socket	8. AC power cable locking strap

Table 5-83 Indicators on the PAC-600WA-B

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage, overcurrent, short-circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-84 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically start supplying power again when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the system recovers from output overvoltage, the power module automatically resumes power supply.

Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-85 Technical specifications of the PAC-600WA-B

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 100 mm x 205 mm (1.6 in. x 3.9 in. x 8.1 in.)
Weight without packaging [kg(lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz
Maximum input current [A]	9 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.20 PAC600S12-CB (600 W AC&240 V DC Power Module)

Overview

Table 5-86 Basic information about the PAC600S12-CB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02312FFU
Model	PAC600S12-CB

Appearance

Figure 5-46 Appearance of the PAC600S12-CB

Version Mapping

Table 5-87 Mappings between PAC600S12-CB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (02353AHU)	V200R019C00
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10

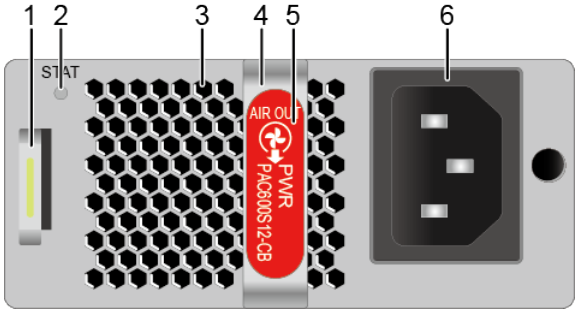
Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600
S5731-S	S5731-S32ST4X (98011813)	V200R021C01
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600
S5731-S	S5731-S48S4X (98011805)	V200R021C01
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600
S5731-S	S5731-S48T4X (02353AJB)	V200R019C00
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C00
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C00
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600
S5731-H	S5731-H24T4XC (02352QPP)	V200R013C02

Product	Product Model	First Supported Version
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600
S5731-H	S5731-H48T4XC (02352QPT)	V200R013C02
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C00
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C00
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C00
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10

Product	Product Model	First Supported Version
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C00
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS)	V200R019C00
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600
S5732-H	S5732-H48S6Q (02353AJU)	V200R019C00
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01
S5736-S	S5736-S24S4XC (98011038)	V200R021C01
S5736-S	S5736-S48S4XC (98011042)	V200R021C01

Panel

Figure 5-47 Panel of the PAC600S12-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. AC power socket	-	-

Table 5-88 Indicators on the PAC600S12-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-89 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-90 Technical specifications of the PAC600S12-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)

Item	Specification
Weight without packaging [kg(lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.21 PAC600S12-DB (600 W AC&240 V DC Power Module)

Overview

Table 5-91 Basic information about the PAC600S12-DB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02131740
Model	PAC600S12-DB

Appearance

Figure 5-48 Appearance of the PAC600S12-DB

Version Mapping

Table 5-92 Mappings between PAC600S12-DB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (02353AHU)	V200R020C10
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600
S5731-S	S5731-S32ST4X (98011813)	V200R021C01
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600
S5731-S	S5731-S48S4X (98011805)	V200R021C01
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600
S5731-S	S5731-S48T4X (02353AJB)	V200R020C10
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10

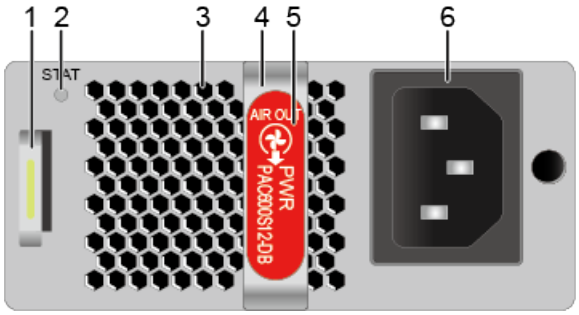
Product	Product Model	First Supported Version
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R020C10
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R020C10
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600
S5731-H	S5731-H24T4XC (02352QPP)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600
S5731-H	S5731-H48T4XC (02352QPT)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R020C10
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10

Product	Product Model	First Supported Version
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R020C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS)	V200R020C10
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500

Product	Product Model	First Supported Version
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600
S5732-H	S5732-H48S6Q (02353AJU)	V200R020C10
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01
S5736-S	S5736-S24S4XC (98011038)	V200R021C01
S5736-S	S5736-S48S4XC (98011042)	V200R021C01

Panel

Figure 5-49 Panel of the PAC600S12-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. AC power socket	-	-

Table 5-93 Indicators on the PAC600S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-94 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.

Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-95 Technical specifications of the PAC600S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.95 kg (2.09 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

Item	Specification
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.22 PAC600S12-EB (600 W AC&240 V DC Power Module)

Overview

Table 5-96 Basic information about the PAC600S12-EB

Item	Details
Description	600 W AC&240 V DC Power Module
Part Number	02312FFU-002
Model	PAC600S12-EB

Appearance

Figure 5-50 Appearance of the PAC600S12-EB

Version Mapping

Table 5-97 Mappings between PAC600S12-EB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (02353AHU)	V200R019C10
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10
S5731-S	S5731-S24T4X (98011851)	V200R021C10SPC600
S5731-S	S5731-S32ST4X (98011813)	V200R021C01
S5731-S	S5731-S32ST4X (98011813-002)	V200R021C10SPC600
S5731-S	S5731-S48S4X (98011805)	V200R021C01
S5731-S	S5731-S48S4X (98011805-001)	V200R021C10SPC600
S5731-S	S5731-S48T4X (02353AJB)	V200R019C10
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10
S5731-S	S5731-S48T4X (98011847)	V200R021C10SPC600
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C10
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10
S5731S-S	S5731S-S24T4X-A (98011852)	V200R021C10SPC600
S5731S-S	S5731S-S32ST4X-A (98011814)	V200R021C01
S5731S-S	S5731S-S32ST4X-A (98011814-001)	V200R021C10SPC600
S5731S-S	S5731S-S48S4X-A (98011806)	V200R021C01
S5731S-S	S5731S-S48S4X-A (98011806-001)	V200R021C10SPC600

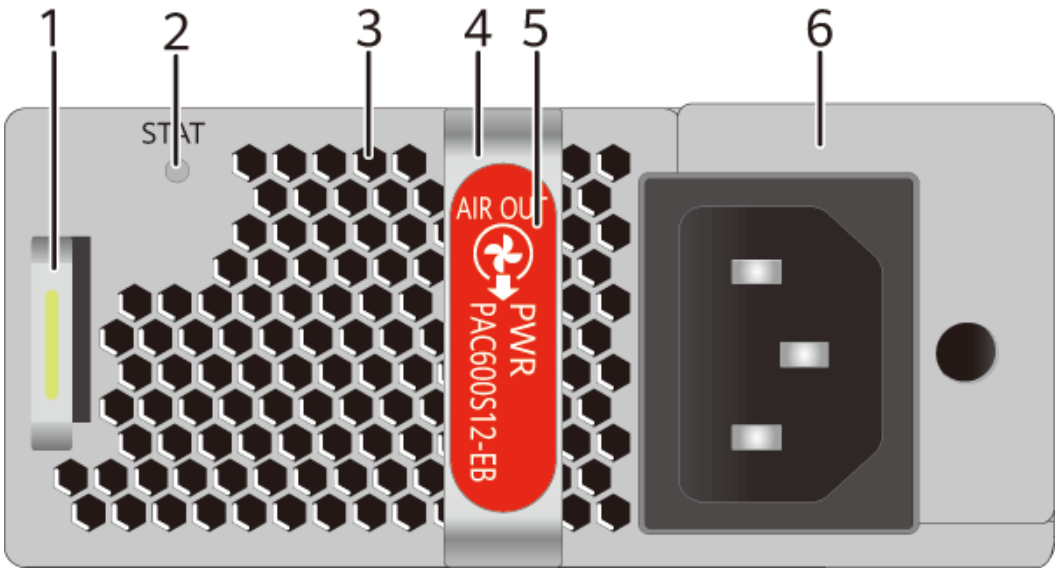
Product	Product Model	First Supported Version
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C10
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10
S5731S-S	S5731S-S48T4X-A (98011848)	V200R021C10SPC600
S5731-H	S5731-H24T4XC (02352QPP)	V200R019C10
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600
S5731-H	S5731-H48T4XC (02352QPT)	V200R019C10
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C10
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C10

Product	Product Model	First Supported Version
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS)	V200R019C10
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600
S5732-H	S5732-H48S6Q (02353AJU)	V200R019C10
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01
S5736-S	S5736-S24S4XC (98011038)	V200R021C01

Product	Product Model	First Supported Version
S5736-S	S5736-S48S4XC (98011042)	V200R021C01

Panel

Figure 5-51 Panel of the PAC600S12-EB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. AC power socket	-	-

Table 5-98 Indicators on the PAC600S12-EB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-99 Functions of a 600 W AC power module

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power module stops supplying power. When the input voltage restores to the normal range, the power module automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power module stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power module stops supplying power intermittently. When the output voltage restores to the normal range, the power module automatically resumes power supply.

Function		Description
	Output overcurrent protection	In this protection state, the power module supplies power intermittently. When the output current is within a range, the power module automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power module supplies power intermittently. When the short circuit is removed, the power module automatically resumes power supply.
Overtemperature protection		When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-100 Technical specifications of the PAC600S12-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	0.985 kg (2.17 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50 Hz/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	12 V
Rated output current [A]	50 A
Rated output power [W]	600 W

Item	Specification
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.23 PAC600S56-CB (600 W PoE AC&240 V DC Power Module (Back to Front, Power panel side exhaust))

Overview

Table 5-101 Basic information about the PAC600S56-CB

Item	Details
Description	600 W PoE AC&240 V DC Power Module (Back to Front, Power panel side exhaust)
Part Number	02313PAC
Model	PAC600S56-CB

Appearance

Figure 5-52 Appearance of the PAC600S56-CB

Version Mapping

Table 5-102 Mappings between PAC600S56-CB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24P4X (02353AHX)	V200R021C10SPC500
S5731-S	S5731-S24P4X (02353AHX-001)	V200R021C10SPC500
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600
S5731-S	S5731-S48P4X (02353AJH)	V200R021C10SPC500
S5731-S	S5731-S48P4X (02353AJH-001)	V200R021C10SPC500
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R021C10SPC500
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R021C10SPC500
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R021C10SPC500
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R021C10SPC500
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600
S5731-H	S5731-H24P4XC (02352QPV)	V200R021C10SPC500
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R021C10SPC500
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600

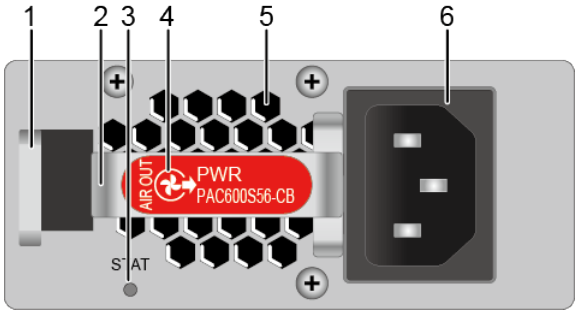
Product	Product Model	First Supported Version
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600
S5731-H	S5731-H48P4XC (02352SVD)	V200R021C10SPC500
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R021C10SPC500
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600
S5732-H	S5732-H24UM2CC (02353HUC)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00

Product	Product Model	First Supported Version
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00
S5732-H	S5732-H48UM2CC (02353HUB)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R021C10SPC500
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R021C10SPC500

Product	Product Model	First Supported Version
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R021C10SPC500
S5736-S	S5736-S24UM4XC (98011020)	V200R021C10SPC500
S5736-S	S5736-S24UM4XC (98011020-001)	V200R021C10SPC500
S5736-S	S5736-S24UM4XC (98011020-004)	V200R021C10SPC500

Panel

Figure 5-53 Panel of the PAC600S56-CB



1. Lock	2. Handle	3. Indicator	4. Airflow flag (air out)
5. Fan air vent	6. AC power socket	-	-

Table 5-103 Indicators on the PAC600S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-104 Functions of a 600 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-105 Technical specifications of the PAC600S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 8 A 200 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 5.36 A 200–240 V AC and 240 V DC input: 10.72 A
Rated output power [W]	100 V AC to 130 V AC input: · Total power: 300 W 200 V AC to 240 V AC input and 240 V DC input: · Total power: 600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.24 PAC600S56-EB (600 W PoE AC&240 V DC Power Module (66mm Width Case, Back to Front, Power panel side exhaust))

Overview

Table 5-106 Basic information about the PAC600S56-EB

Item	Details
Description	600 W PoE AC&240 V DC Power Module (66mm Width Case, Back to Front, Power panel side exhaust)
Part Number	02314APV
Model	PAC600S56-EB

Appearance

Figure 5-54 Appearance of the PAC600S56-EB

NOTE

Figures in the document are for reference only, and the actual appearance of the devices may vary depending on the exact device model.

Version Mapping

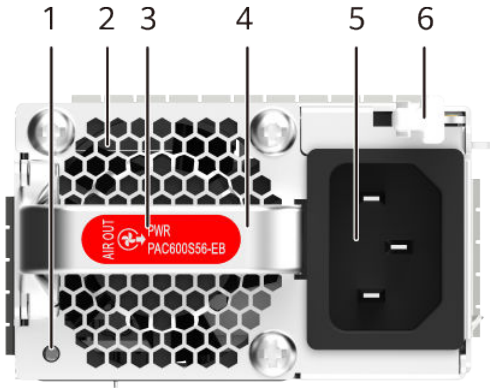
Table 5-107 Mappings between PAC600S56-EB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24UN4X2Q (02354VCC)	V200R022C00

Product	Product Model	First Supported Version
S5731-S	S5731-S8UM16UN2Q (02354VCD)	V200R022C00

Panel

Figure 5-55 Panel of the PAC600S56-EB



1. Running status indicator	2. Air vent hole	3. Airflow flag (air out)	4. Handle
5. Power socket	6. Lock	-	-

Table 5-108 Indicators on the PAC600S56-EB

Silkscreen	Name	Color	Status	Description
-	Running status indicator	Green	Steady on	The power module output is normal.
		Green	Fast blinking (4 Hz)	Online loading

Silkscreen	Name	Color	Status	Description
		-	Steady off	• The power module is powered on but not inserted into the system. • The power module input is normal but there is no output due to power overtemperature protection, output overcurrent, output overvoltage protection, short circuit protection, or component failure. • The input is abnormal or there is no output due to no input.

Functions and Features

Table 5-109 Functions and features of the PAC600S56-EB

Functions and Features	Description
Input overvoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.
Output overvoltage protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked. You can use any of the following methods to unlock the power module: ● Power off the power module for 2s. ● Clear the 0x03 alarm. ● Run the reset command.
Output short-circuit protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked. You can use any of the following methods to unlock the power module: ● Power off the power module for 2s. ● Clear the 0x03 alarm. ● Run the reset command.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-110 Technical specifications of the PAC600S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg(lb)]	0.9 kg (1.98 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC; 50/60 Hz 200 V AC to 240 V AC; 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 8 A 200 V AC to 240 V AC: 8 A 240 V DC: 4 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output current [A]	11.21 A @53.5 V, 10.81 A @55.5 V
Rated output power [W]	100 V AC to 130 V AC input: · Total power: 300 W 200 V AC to 240 V AC input and 240 V DC input: · Total power: 600 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.25 PAC1000S56-CB (02312KND: 1000 W PoE AC&240 V DC Power Module)

Overview

Table 5-111 Basic information about the PAC1000S56-CB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module

Item	Details
Part Number	02312KND
Model	PAC1000S56-CB

Appearance

Figure 5-56 Appearance of the PAC1000S56-CB

Version Mapping

Table 5-112 Mappings between PAC1000S56-CB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24P4X (02353AHX)	V200R019C00
S5731-S	S5731-S24P4X (02353AHX-001)	V200R020C10
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600
S5731-S	S5731-S48P4X (02353AJH)	V200R019C00
S5731-S	S5731-S48P4X (02353AJH-001)	V200R020C10
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600

Product	Product Model	First Supported Version
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R019C00
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R020C10
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R019C00
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R020C10
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600
S5731-H	S5731-H24P4XC (02352QPV)	V200R013C02
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R020C10
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600
S5731-H	S5731-H48P4XC (02352SVD)	V200R013C02
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R020C10
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500

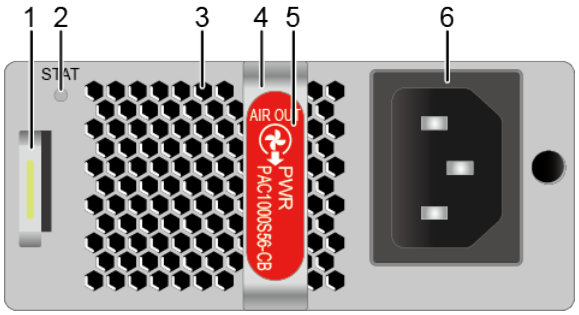
Product	Product Model	First Supported Version
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600
S5732-H	S5732-H24UM2CC (02353HUC)	V200R019C10
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY)	V200R019C10
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R019C10
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R019C10
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00
S5732-H	S5732-H48UM2CC (02353HUB)	V200R019C10
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500

Product	Product Model	First Supported Version
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R019C20
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10
S5735-L	S5735-L48P4X-A (98010944)	V200R019C00
S5735S-L	S5735S-L48P4S-A (98010946)	V200R019C00
S5735S-L	S5735S-L48P4X-A (98010945)	V200R019C00
S5735-S	S5735-S24P4X (98010940)	V200R019C00
S5735-S	S5735-S48P4X (98010943)	V200R019C00
S5735S-S	S5735S-S24P4X-A (98010969)	V200R019C10
S5735S-S	S5735S-S48P4X-A (98010970)	V200R019C10
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R020C00
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R020C00

Product	Product Model	First Supported Version
S5736-S	S5736-S24UM4XC (98011020)	V200R020C00
S5736-S	S5736-S24UM4XC (98011020-001)	V200R020C00
S5736-S	S5736-S24UM4XC (98011020-004)	V200R020C00

Panel

Figure 5-57 Panel of the PAC1000S56-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. AC power socket	-	-

Table 5-113 Indicators on the PAC1000S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-114 Functions of a 1000 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-115 Technical specifications of the PAC1000S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 16.08 A 200 V AC to 240 V AC input and 240 V DC input: 17.86 A
Rated output power [W]	100 V AC to 130 V AC input: •Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: •Total: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.26 PAC1000S56-CB (02312KND-001: 1000 W PoE AC&240 V DC Power Module)

Overview

Table 5-116 Basic information about the PAC1000S56-CB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module
Part Number	02312KND-001
Model	PAC1000S56-CB

Appearance

Figure 5-58 Appearance of the PAC1000S56-CB

Version Mapping

Table 5-117 Mappings between PAC1000S56-CB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24P4X (02353AHX)	V200R021C10
S5731-S	S5731-S24P4X (02353AHX-001)	V200R020C10
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600
S5731-S	S5731-S48P4X (02353AJH)	V200R021C10
S5731-S	S5731-S48P4X (02353AJH-001)	V200R020C10

Product	Product Model	First Supported Version
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R021C10
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R020C10
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R021C10
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R020C10
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600
S5731-H	S5731-H24P4XC (02352QPV)	V200R019C10
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R020C10
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600
S5731-H	S5731-H48P4XC (02352SVD)	V200R019C10
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R020C10
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600

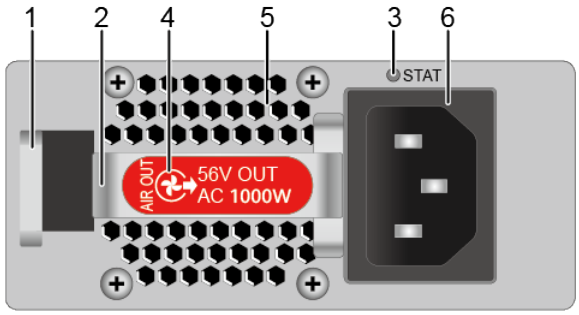
Product	Product Model	First Supported Version
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600
S5732-H	S5732-H24UM2CC (02353HUC)	V200R019C10
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY)	V200R019C10
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R019C10
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R019C10
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00
S5732-H	S5732-H48UM2CC (02353HUB)	V200R019C10
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R019C10
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R019C10

Product	Product Model	First Supported Version
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R019C20
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10
S5735-L	S5735-L48P4X-A (98010944)	V200R019C10
S5735S-L	S5735S-L48P4S-A (98010946)	V200R019C10
S5735S-L	S5735S-L48P4X-A (98010945)	V200R019C10
S5735-S	S5735-S24P4X (98010940)	V200R019C10
S5735-S	S5735-S48P4X (98010943)	V200R019C10
S5735S-S	S5735S-S24P4X-A (98010969)	V200R019C10
S5735S-S	S5735S-S48P4X-A (98010970)	V200R019C10
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R020C00

Product	Product Model	First Supported Version
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R020C00
S5736-S	S5736-S24UM4XC (98011020)	V200R020C00
S5736-S	S5736-S24UM4XC (98011020-001)	V200R020C00
S5736-S	S5736-S24UM4XC (98011020-004)	V200R020C00

Panel

Figure 5-59 Panel of the PAC1000S56-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. AC power socket	-	-

Table 5-118 Indicators on the PAC1000S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-119 Functions of a 1000 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-120 Technical specifications of the PAC1000S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 16.08 A 200 V AC to 240 V AC input and 240 V DC input: 17.86 A
Rated output power [W]	100 V AC to 130 V AC input: •Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: •Total: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.27 PAC1000S56-DB (1000 W PoE AC&240 V DC Power Module)

Overview

Table 5-121 Basic information about the PAC1000S56-DB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module
Part Number	02131727
Model	PAC1000S56-DB

Appearance

Figure 5-60 Appearance of the PAC1000S56-DB

Version Mapping

Table 5-122 Mappings between PAC1000S56-DB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24P4X (02353AHX)	V200R020C10
S5731-S	S5731-S24P4X (02353AHX-001)	V200R020C10
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600
S5731-S	S5731-S48P4X (02353AJH)	V200R020C10

Product	Product Model	First Supported Version
S5731-S	S5731-S48P4X (02353AJH-001)	V200R020C10
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R020C10
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R020C10
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R020C10
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R020C10
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600
S5731-H	S5731-H24P4XC (02352QPV)	V200R020C10
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R020C10
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600
S5731-H	S5731-H48P4XC (02352SVD)	V200R020C10
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R020C10
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500

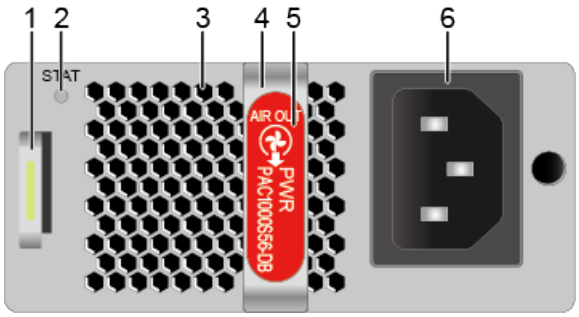
Product	Product Model	First Supported Version
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600
S5732-H	S5732-H24UM2CC (02353HUC)	V200R020C10
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY)	V200R020C10
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R020C10
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R020C10
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00
S5732-H	S5732-H48UM2CC (02353HUB)	V200R020C10
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT)	V200R020C10
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R020C10
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R020C10

Product	Product Model	First Supported Version
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R020C10
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R020C10
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10
S5735-L	S5735-L48P4X-A (98010944)	V200R020C10
S5735S-L	S5735S-L48P4S-A (98010946)	V200R020C10
S5735S-L	S5735S-L48P4X-A (98010945)	V200R020C10
S5735-S	S5735-S24P4X (98010940)	V200R020C10
S5735-S	S5735-S48P4X (98010943)	V200R020C10
S5735S-S	S5735S-S24P4X-A (98010969)	V200R020C10
S5735S-S	S5735S-S48P4X-A (98010970)	V200R020C10

Product	Product Model	First Supported Version
S5735S-H	S5735S-H24U4XC-A (98011033)	V200R020C10
S5735S-H	S5735S-H48U4XC-A (98011037)	V200R020C10
S5736-S	S5736-S24UM4XC (98011020)	V200R020C10
S5736-S	S5736-S24UM4XC (98011020-001)	V200R020C10
S5736-S	S5736-S24UM4XC (98011020-004)	V200R020C10

Panel

Figure 5-61 Panel of the PAC1000S56-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. AC power socket	-	-

Table 5-123 Indicators on the PAC1000S56-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-124 Functions of a 1000 W AC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-125 Technical specifications of the PAC1000S56-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC, 45 Hz to 65 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	56 V
Rated output current [A]	100 V AC to 130 V AC input: 16.08 A 200 V AC to 240 V AC input and 240 V DC input: 17.86 A
Rated output power [W]	100 V AC to 130 V AC input: •Total: 900 W 200 V AC to 240 V AC input and 240 V DC input: •Total: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.28 PAC1000S56-EB (1000 W PoE AC&240 V DC Power Module (66 mm Width Case, Back to Front, Power panel side exhaust))

Overview

Table 5-126 Basic information about the PAC1000S56-EB

Item	Details
Description	1000 W PoE AC&240 V DC Power Module (66 mm Width Case, Back to Front, Power panel side exhaust)
Part Number	02314APU
Model	PAC1000S56-EB

Appearance

Figure 5-62 Appearance of the PAC1000S56-EB

NOTE

Figures in the document are for reference only, and the actual appearance of the devices may vary depending on the exact device model.

Version Mapping

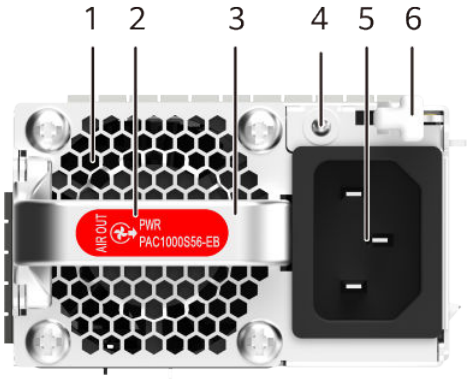
Table 5-127 Mappings between PAC1000S56-EB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24UN4X2Q (02354VCC)	V200R022C00

Product	Product Model	First Supported Version
S5731-S	S5731-S8UM16UN2Q (02354VCD)	V200R022C00

Panel

Figure 5-63 Panel of the PAC1000S56-EB



1. Air vent hole	2. Airflow flag (air out)	3. Handle	4. Running status indicator
5. Power socket	6. Lock	-	-

Table 5-128 Indicators on the PAC1000S56-EB

Silkscreen	Name	Color	Status	Description
-	Running status indicator	Green	Steady on	The power module output is normal.
		Green	Fast blinking (4 Hz)	Online loading

Silkscreen	Name	Color	Status	Description
		-	Steady off	• The power module is powered on but not inserted into the system. • The power module input is normal but there is no output due to power overtemperature protection, output overcurrent, output overvoltage protection, short circuit protection, or component failure. • The input is abnormal or there is no output due to no input.

Functions and Features

Table 5-129 Functions and features of the PAC1000S56-EB

Functions and Features	Description
Input overvoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.
Output overvoltage protection	In this protection state, the power module is in hiccup protection mode. When the fault is eliminated, the power module can automatically resume power supply.
Output overcurrent protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-130 Technical specifications of the PAC1000S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg(lb)]	1.1 kg (2.43 lb)
Number of inputs	1

Item	Specification
Rated input voltage [V]	100 V AC to 130 V AC, 50/60 Hz 200 V AC to 240 V AC, 50/60 Hz 240 V DC
Input voltage range [V]	90 V AC to 290 V AC; 45 Hz~66 Hz 190 V DC to 290 V DC
Maximum input current [A]	100 V AC to 130 V AC: 12 A 200 V AC to 240 V AC: 8 A 240 V DC: 8 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output current [A]	18.69 A @53.5 V, 18.02 A @55.5 V
Rated output power [W]	100 V AC to 130 V AC input: - Total power: 900 W 200 V AC to 240 V AC and 240 V DC input: - Total power: 1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.29 PDC1000S56-CB (1000 W PoE DC Power Module)

Overview

Table 5-131 Basic information about the PDC1000S56-CB

Item	Details
Description	1000 W PoE DC Power Module
Part Number	02313EXT
Model	PDC1000S56-CB

Appearance

Figure 5-64 Appearance of the PDC1000S56-CB

Version Mapping

Table 5-132 Mappings between PDC1000S56-CB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24P4X (02353AHX)	V200R021C00
S5731-S	S5731-S24P4X (02353AHX-001)	V200R021C00
S5731-S	S5731-S24P4X (02353AHX-003)	V200R021C10SPC600
S5731-S	S5731-S48P4X (02353AJH)	V200R021C00
S5731-S	S5731-S48P4X (02353AJH-001)	V200R021C00
S5731-S	S5731-S48P4X (02353AJH-003)	V200R021C10SPC600
S5731S-S	S5731S-S24P4X-A (02353AHY)	V200R021C00
S5731S-S	S5731S-S24P4X-A (02353AHY-001)	V200R021C00
S5731S-S	S5731S-S24P4X-A (02353AHY-003)	V200R021C10SPC600

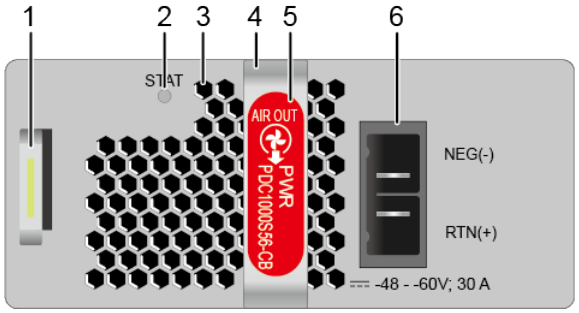
Product	Product Model	First Supported Version
S5731S-S	S5731S-S48P4X-A (02353AJJ)	V200R021C00
S5731S-S	S5731S-S48P4X-A (02353AJJ-001)	V200R021C00
S5731S-S	S5731S-S48P4X-A (02353AJJ-003)	V200R021C10SPC600
S5731-H	S5731-H24HB4XZ (02354QXD)	V200R021C10SPC500
S5731-H	S5731-H24HB4XZ (02354QXD-001)	V200R021C10SPC600
S5731-H	S5731-H24P4XC (02352QPV)	V200R021C00
S5731-H	S5731-H24P4XC (02352QPV-001)	V200R021C00
S5731-H	S5731-H24P4XC (02352QPV-003)	V200R021C10SPC600
S5731-H	S5731-H48HB4XZ (02354QXB)	V200R021C10SPC500
S5731-H	S5731-H48HB4XZ (02354QXB-001)	V200R021C10SPC600
S5731-H	S5731-H48P4XC (02352SVD)	V200R021C00
S5731-H	S5731-H48P4XC (02352SVD-001)	V200R021C00
S5731-H	S5731-H48P4XC (02352SVD-003)	V200R021C10SPC600
S5731S-H	S5731S-H24HB4XZ-A (02354QXE)	V200R021C10SPC500
S5731S-H	S5731S-H24HB4XZ-A (02354QXE-001)	V200R021C10SPC600
S5731S-H	S5731S-H48HB4XZ-A (02354QXC)	V200R021C10SPC500
S5731S-H	S5731S-H48HB4XZ-A (02354QXC-001)	V200R021C10SPC600
S5732-H	S5732-H24UM2CC (02353HUC)	V200R021C00
S5732-H	S5732-H24UM2CC (02353HUC-003)	V200R021C10SPC500

Product	Product Model	First Supported Version
S5732-H	S5732-H24UM2CC (02353SJY)	V200R021C00
S5732-H	S5732-H24UM2CC (02353SJY-001)	V200R021C00
S5732-H	S5732-H24UM2CC (02353SJY-004)	V200R021C00
S5732-H	S5732-H24UM2CC (02353SJY-010)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-011)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-014)	V200R021C10SPC500
S5732-H	S5732-H24UM2CC (02353SJY-020)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-021)	V200R022C00
S5732-H	S5732-H24UM2CC (02353SJY-024)	V200R022C00
S5732-H	S5732-H48UM2CC (02353HUB)	V200R021C00
S5732-H	S5732-H48UM2CC (02353HUB-002)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT)	V200R021C00
S5732-H	S5732-H48UM2CC (02353SJT-001)	V200R021C00
S5732-H	S5732-H48UM2CC (02353SJT-003)	V200R021C00
S5732-H	S5732-H48UM2CC (02353SJT-004)	V200R021C00
S5732-H	S5732-H48UM2CC (02353SJT-010)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-011)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-013)	V200R021C10SPC500
S5732-H	S5732-H48UM2CC (02353SJT-014)	V200R021C10SPC500

Product	Product Model	First Supported Version
S5732-H	S5732-H48UM2CC (02353SJT-020)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-021)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-023)	V200R022C00
S5732-H	S5732-H48UM2CC (02353SJT-024)	V200R022C00
S5732-H	S5732-H48XUM2CC (02353MLH)	V200R021C00
S5732-H	S5732-H48XUM2CC (02353MLH-001)	V200R021C10SPC500
S5732-H	S5732-H48XUM2CC (02353MLH-002)	V200R023C10
S5735-L	S5735-L48P4X-A (98010944)	V200R021C00
S5735S-L	S5735S-L48P4S-A (98010946)	V200R021C00
S5735S-L	S5735S-L48P4X-A (98010945)	V200R021C00
S5735-S	S5735-S24P4X (98010940)	V200R021C00
S5735-S	S5735-S48P4X (98010943)	V200R021C00
S5735S-S	S5735S-S24P4X-A (98010969)	V200R021C00
S5735S-S	S5735S-S48P4X-A (98010970)	V200R021C00
S5736-S	S5736-S24UM4XC (98011020)	V200R021C00
S5736-S	S5736-S24UM4XC (98011020-001)	V200R021C00
S5736-S	S5736-S24UM4XC (98011020-004)	V200R021C00

Panel

Figure 5-65 Panel of the PDC1000S56-CB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. DC power socket	-	-

Table 5-133 Indicators on the PDC1000S56-CB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overcurrent, overvoltage, short circuit, or overtemperature).
		Green	Steady on	The power module is working normally.

Functions and Features

Table 5-134 Functions of a 1000 W DC PoE power module

Function	Description
PoE power supply	Provides PoE power.
Input protection	Provides protection against input undervoltage and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-135 Technical specifications of the PDC1000S56-CB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	2.0 kg (4.41 lb)
Number of inputs	1
Rated input voltage [V]	–48 V DC to –60 V DC
Input voltage range [V]	–38.4 V DC to –72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	56 V
Rated output current [A]	17.86 A
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan

Item	Specification
Hot swapping	Supported

5.30 PDC1000S12-DB (1000 W DC Power Module)

Overview

Table 5-136 Basic information about the PDC1000S12-DB

Item	Details
Description	1000 W DC Power Module
Part Number	02312QJK
Model	PDC1000S12-DB

Appearance

Figure 5-66 Appearance of the PDC1000S12-DB

Version Mapping

Table 5-137 Mappings between PDC1000S12-DB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24T4X (02353AHU)	V200R019C00
S5731-S	S5731-S24T4X (02353AHU-001)	V200R020C10

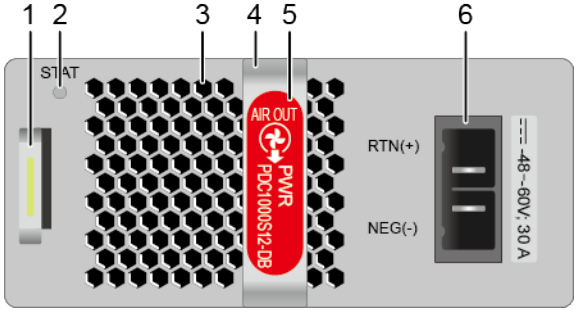
Product	Product Model	First Supported Version
S5731-S	S5731-S48T4X (02353AJB)	V200R019C00
S5731-S	S5731-S48T4X (02353AJB-003)	V200R020C10
S5731S-S	S5731S-S24T4X-A (02353AHV)	V200R019C00
S5731S-S	S5731S-S24T4X-A (02353AHV-001)	V200R020C10
S5731S-S	S5731S-S48T4X-A (02353AJC)	V200R019C00
S5731S-S	S5731S-S48T4X-A (02353AJC-003)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP)	V200R019C00
S5731-H	S5731-H24T4XC (02352QPP-001)	V200R020C10
S5731-H	S5731-H24T4XC (02352QPP-005)	V200R021C10SPC600
S5731-H	S5731-H48T4XC (02352QPT)	V200R019C00
S5731-H	S5731-H48T4XC (02352QPT-003)	V200R020C10
S5731-H	S5731-H48T4XC (02352QPT-007)	V200R021C10SPC600
S5731S-H	S5731S-H24T4S-A (02353DJE)	V200R019C00
S5731S-H	S5731S-H24T4S-A (02353DJE-001)	V200R020C10
S5731S-H	S5731S-H24T4S-A (02353DJE-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4X-A (02353HVH)	V200R019C10
S5731S-H	S5731S-H24T4X-A (02353HVH-001)	V200R020C10
S5731S-H	S5731S-H24T4X-A (02353HVH-003)	V200R021C10SPC600
S5731S-H	S5731S-H24T4XC-A (02352YRG)	V200R019C00

Product	Product Model	First Supported Version
S5731S-H	S5731S-H24T4XC-A (02352YRG-001)	V200R020C10
S5731S-H	S5731S-H24T4XC-A (02352YRG-003)	V200R021C10SPC600
S5731S-H	S5731S-H48T4S-A (02353DJG)	V200R019C00
S5731S-H	S5731S-H48T4S-A (02353DJG-003)	V200R020C10
S5731S-H	S5731S-H48T4S-A (02353DJG-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4X-A (02353HVJ)	V200R019C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-003)	V200R020C10
S5731S-H	S5731S-H48T4X-A (02353HVJ-005)	V200R021C10SPC600
S5731S-H	S5731S-H48T4XC-A (02352YRF)	V200R019C00
S5731S-H	S5731S-H48T4XC-A (02352YRF-003)	V200R020C10
S5731S-H	S5731S-H48T4XC-A (02352YRF-005)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS)	V200R019C00
S5732-H	S5732-H24S6Q (02353AJS-001)	V200R020C10
S5732-H	S5732-H24S6Q (02353AJS-003)	V200R021C10SPC500
S5732-H	S5732-H24S6Q (02353AJS-004)	V200R021C10SPC600
S5732-H	S5732-H24S6Q (02353AJS-005)	V200R021C10SPC600
S5732-H	S5732-H48S6Q (02353AJU)	V200R019C00
S5732-H	S5732-H48S6Q (02353AJU-001)	V200R020C10
S5732-H	S5732-H48S6Q (02353AJU-003)	V200R021C10SPC500

Product	Product Model	First Supported Version
S5732-H	S5732-H48S6Q (02353AJU-004)	V200R021C10SPC600
S5735-S	S5735-S24T4X (98010938)	V200R019C00
S5735-S	S5735-S32ST4X (98010931)	V200R019C00
S5735-S	S5735-S48S4X (98010947)	V200R019C00
S5735-S	S5735-S48T4X (98010941)	V200R019C00
S5735S-S	S5735S-S24T4S-A (98010939)	V200R019C00
S5735S-S	S5735S-S24T4X-A (98010967)	V200R019C10
S5735S-S	S5735S-S32ST4X-A (98010932)	V200R019C00
S5735S-S	S5735S-S48T4S-A (98010942)	V200R019C00
S5735S-S	S5735S-S48T4X-A (98010968)	V200R019C10
S5735S-H	S5735S-H24S4XC-A (98011041)	V200R021C01
S5736-S	S5736-S24S4XC (98011038)	V200R021C01
S5736-S	S5736-S48S4XC (98011042)	V200R021C01

Panel

Figure 5-67 Panel of the PDC1000S12-DB



1. Lock	2. Indicator	3. Fan air vent	4. Handle
5. Airflow flag (air out)	6. DC power socket	-	-

Table 5-138 Indicators on the PDC1000S12-DB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	-	Steady off	The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, overvoltage or overtemperature).
		Green	Steady on	The power module output is normal.

Functions and Features

Table 5-139 Functions of a 1000 W DC power module

Function	Description
Input protection	Provides protection against input overvoltage, input undervoltage, and input overcurrent.
Output protection	Provides protection against output overvoltage, output overcurrent, and output short circuits.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.
Hot swapping	Supported

NOTE

When a power module enters overtemperature protection state, take measures to lower the ambient temperature. The power module can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-140 Technical specifications of the PDC1000S12-DB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 in.)
Weight without packaging [kg(lb)]	1.02 kg (2.25 lb)
Number of inputs	1
Rated input voltage [V]	-48 V DC to -60 V DC
Input voltage range [V]	-38.4 V DC to -72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	12 V
Rated output current [A]	83.3 A
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.31 PDC1000S56-EB (1000 W PoE DC Power Module (66 mm Width case, Back to Front, Power panel side exhaust))

Overview

Table 5-141 Basic information about the PDC1000S56-EB

Item	Details
Description	1000 W PoE DC Power Module (66 mm Width case, Back to Front, Power panel side exhaust)
Part Number	02313XRB

Item	Details
Model	PDC1000S56-EB

Appearance

Figure 5-68 Appearance of the PDC1000S56-EB

NOTE

Figures in the document are for reference only, and the actual appearance of the devices may vary depending on the exact device model.

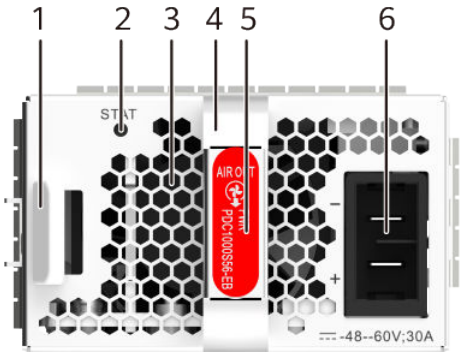
Version Mapping

Table 5-142 Mappings between PDC1000S56-EB and product models

Product	Product Model	First Supported Version
S5731-S	S5731-S24UN4X2Q (02354VCC)	V200R022C00
S5731-S	S5731-S8UM16UN2Q (02354VCD)	V200R022C00

Panel

Figure 5-69 Panel of the PDC1000S56-EB



1. Lock	2. Running status indicator	3. Air vent hole	4. Handle
5. Airflow flag (air out)	6. Power socket	-	-

Table 5-143 Indicators on the PDC1000S56-EB

Silkscreen	Name	Color	Status	Description
STAT	Running status indicator	Green	Steady on	The power module output is normal.
		Green	Fast blinking (4 Hz)	Online loading

Silkscreen	Name	Color	Status	Description
		-	Steady off	• The power module is powered on but not inserted into the system. • The power module input is normal but there is no output due to power overtemperature protection, output overcurrent, output overvoltage protection, short circuit protection, or component failure. • The input is abnormal or there is no output due to no input.

Functions and Features

Table 5-144 Functions and features of the PDC1000S56-EB

Functions and Features	Description
Input undervoltage protection	In this protection state, the power module is turned off and stops supplying power. When the fault is eliminated, the power module can automatically resume power supply.

Functions and Features	Description
Output overvoltage protection	In this protection state, the power output is locked and the power module cannot automatically resume power supply.
Output overcurrent protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Output short-circuit protection	In this protection state, the power module is in hiccup protection mode. If the power module enters this mode multiple times, the power output will be locked and the power module cannot automatically resume power supply.
Overtemperature protection	When the temperature of the power module exceeds a specified threshold, the power module stops supplying power. When the temperature falls into the normal range, the power module automatically resumes power supply.

Technical Specifications

Table 5-145 Technical specifications of the PDC1000S56-EB

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	40 mm x 66 mm x 215 mm (1.57 in. x 2.6 in. x 8.46 in.)
Weight without packaging [kg(lb)]	1 kg (2.20 lb)
Number of inputs	1
Rated input voltage [V]	–48 V DC to –60 V DC
Input voltage range [V]	–38.4 V DC to –72 V DC
Maximum input current [A]	30 A
Rated output voltage [V]	53.5 V or 55.5 V
Rated output current [A]	18.69 A @ 53.5 V, 18.02 A @55.5 V

Item	Specification
Rated output power [W]	1000 W
Power dissipation Mode	Heat dissipation with fan
Hot swapping	Supported

5.32 HW-560268D0D (150 W PoE AC Power Adapter)

Overview

Table 5-146 Basic information about the HW-560268D0D

Item	Details
Description	150 W PoE AC Power Adapter
Part Number	02221024
Model	HW-560268D0D
Remarks	C8 AC socket

Appearance

Figure 5-70 Appearance of the HW-560268D0D

Version Mapping

Table 5-147 Mappings between HW-560268D0D and product models

Product	Product Model	First Supported Version
S5731-L-RU	S5731-L4P2HT-RUA (98011776)	V200R021C10SPC500
S5731-L-RU	S5731-L4P2S-RUA (98011772)	V200R021C10SPC500
S5731-L-RU	S5731-L4P2ST-RUA (98011774)	V200R021C10SPC500
S5731-L-RU	S5731-L8LP2ST-RUA (98012186)	V200R022C10
S5731-L-RU	S5731-L8P2HT-RUA (98011782)	V200R021C10SPC500
S5731-L-RU	S5731-L8P2ST-RUA (98011780)	V200R021C10SPC500
S5731S-L-RU	S5731S-L4P2HT-RUA (98011777)	V200R021C10SPC500
S5731S-L-RU	S5731S-L4P2S-RUA (98011773)	V200R021C10SPC500
S5731S-L-RU	S5731S-L4P2ST-RUA (98011775)	V200R021C10SPC500
S5731S-L-RU	S5731S-L8P2HT-RUA (98011783)	V200R021C10SPC500
S5731S-L-RU	S5731S-L8P2ST-RUA (98011781)	V200R021C10SPC500

Connector

Figure 5-71 Connectors of the HW-560268D0D

1. Audio connector	2. C8 AC socket

Functions and Features

Table 5-148 Functions of a 150 W AC power adapter

Function		Description
Input protection	Input undervoltage protection	In this protection state, the power adapter stops supplying power. When the input voltage restores to the normal range, the power adapter automatically resumes power supply.
	Input overcurrent protection	In this protection state, the power adapter stops supplying power and cannot automatically resume power supply when the input current restores to the normal range.
Output protection	Output overvoltage protection	In this protection state, the power adapter stops supplying power intermittently. When the output voltage restores to the normal range, the power adapter automatically resumes power supply.
	Output overcurrent protection	In this protection state, the power adapter supplies power intermittently. When the output current is within a range, the power adapter automatically resumes power supply.
	Output short-circuit protection	In this protection state, the power adapter supplies power intermittently. When the short circuit is removed, the power adapter automatically resumes power supply.
Overtemperature protection		When the temperature of the power adapter exceeds a specified threshold, the power adapter stops supplying power. When the temperature falls into the normal range, the power adapter automatically resumes power supply.
Hot swapping		Supported

NOTE

When a power adapter enters overtemperature protection state, take measures to lower the ambient temperature. The power adapter can automatically start supplying power again when the temperature falls within the normal range.

Technical Specifications

Table 5-149 Technical specifications of the HW-560268D0D

Item	Specification
Dimensions without packaging (H x W x D) [mm(in.)]	42 mm x 80 mm x 180 mm (1.65 in. x 3.15 in. x 7.09 in.)
Weight without packaging [kg(lb)]	0.75 kg (1.65 lb)
Number of inputs	1
Rated input voltage [V]	100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	90 V AC to 290 V AC, 47 Hz to 63 Hz
Maximum input current [A]	2 A
Rated output voltage [V]	56 V
Rated output current [A]	2.68 A
Rated output power [W]	150 W
Power dissipation Mode	Natural heat dissipation without fans
Hot swapping	Supported

5.33 RPS1800 Redundant Power Supply (6 DC Output Ports, 12V Total Output Power 140W, 48V Total Output Power 1600W)

Overview

Table 5-150 Basic information about the RPS1800

Item	Details
Description	RPS1800 Redundant Power Supply (6 DC Output Ports,12V Total Output Power 140W,48V Total Output Power 1600W)
Part Number	02353857
Model	RPS1800

Appearance

Figure 5-72 Appearance of an RPS1800 power supply

Product Mapping

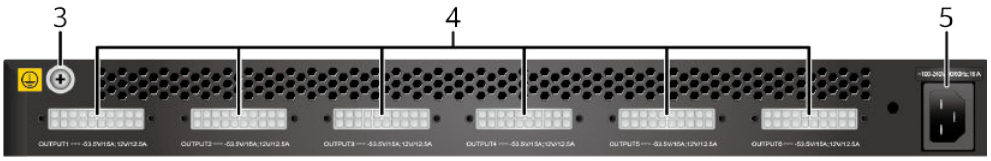
Table 5-151 Mapping between switch models and the RPS1800 power supply

Power Module Name	Product Support
RPS1800 power supply	S5700-LI, S5700S-LI, S5710-X-LI, S5720-X-LI, S5720-P-LI, S5720S-SI, S5720-X-EI, S5720-P-EI, S5720S-28X-LI-24S-AC, S5720-28X-SI-24S-AC, S5720-28X-SI-24S-DC, and S5700-26X-SI-12S-AC **NOTE** The S5720-16X-PWH-LI-AC, S5700-10P-PWR-LI-AC, and S5700-10P-LI-AC do not support the RPS.

Panel

Figure 5-73 Front view of an RPS1800 power supply

Figure 5-74 Rear view of an RPS1800 power supply



1. RPS power indicators	2. Two swappable power module slots **NOTE** **870 W PoE power modules** can be installed in the slots.	3. Ground screw	4. Six DC output ports **NOTE** The DC output ports connect to switches through **RPS cables**.	5. AC power socket **NOTE** The AC power socket connects to an AC power source through an **RPS1800 power cable**.

Table 5-152 Indicators on the panel of an RPS1800 power supply

Indicator	Color	Description
PWR	Green	Steady on: The power input is in normal range.
	-	Off: The switch is powered off.
TEMP	Green	Steady on: The temperature is in normal range.
	Red	Steady on: The temperature is out of range.
	-	Off: The switch is powered off.
FAN	Green	Steady on: The fan module runs properly.
	-	Off: The switch is powered off.
OUTPUT	Green	Steady on: The RPS power supply is in cold backup state. Blinking: The RPS power supply is providing power.
	Orange	Steady on: The RPS power supply is providing power for one or more switches and is therefore unavailable to supply power for more switches.
	-	Off: The switch is powered off.

Functions and Features

The RPS1800 is a redundant power supply that ensures seamless failover if the internal power module of a switch fails. The RPS1800 can detect the failure of the internal power module on a connected switch and immediately supply power to this switch. The switch can continue operating without a restart.

The RPS1800 has the following features:

- For non-PoE switches, the RPS1800 can provide 6:1 power redundancy without an 870 W PoE power module:

  - The RPS1800 can connect to a maximum of six switches and ensure seamless failover for at most one switch if the internal power module of the switch fails.
  - When the internal power module of the switch powered by the RPS1800 recovers, the RPS1800 immediately returns to the backup state.
  - Among the six DC output ports, port 1 has the highest priority, and the other ports have the same priority. When the RPS1800 connects to six switches, the switch connected to port 1 preferentially receives power from the RPS1800.

- For S5700-LI and S5700S-LI PoE switches, the RPS1800 supports the forcible PoE power supply mode (default) and the 6:1 power cold redundancy mode.

  Forcible PoE power supply mode:

  - The RPS1800 must be configured with one or two 870 W PoE power modules.
  - The forcible PoE power supply mode is the default mode for the PoE switches connected to the RPS1800. In this mode, the RPS1800 provides PoE power supply to the PoE switches. When configured with one 870 W PoE power module, the RPS1800 can provide PoE power supply for only one PoE switch. When configured with two 870 W PoE power modules, the RPS1800 can provide PoE power supply for two PoE switches, 800 W PoE power for each switch.
  - The PoE power provided by the RPS1800 and the PoE power of a switch's internal power modules do not accumulate. That is, when a PoE switch is connected to the RPS1800, its maximum PoE power is 800 W.
  - When using 110 V power input, each 870 W PoE power module can provide only 400 W of PoE power. In this case, an RPS1800 must be configured with two 870 W PoE power modules if it is used to provide PoE power supply. Additionally, only one port of the RPS1800 can provide PoE power supply for a switch.
  - The RPS1800 provides power redundancy for system and PoE power modules of the connected PoE switches. However, it can provide power redundancy for only two PoE switches at the same time.
  - The six DC output ports have the same priority.
  - You can use the **rps cold-backup** command to switch to the 6:1 power cold redundancy mode. The S5700-28P-PWR-LI-AC and S5700-52P-PWR-LI-AC do not support the 6:1 power cold redundancy mode.

  6:1 power cold redundancy mode:

  - If the RPS1800 has no 870 W PoE power module, it provides the same functions for PoE switches as it does for non-PoE switches.
  - If the RPS1800 has 870 W PoE power modules installed, it provides power redundancy for the system and PoE power modules of PoE switches but does not provide forcible PoE power supply for the switches.
  - The RPS1800 can provide PoE power redundancy for only one switch at a time. It requires only one 870 W PoE power module when using 220 V power input and requires two 870 W PoE power module when using 110 V power input.

- For S5720-LI PoE switches, the RPS1800 supports the 6:1 power cold redundancy mode.

6:1 power cold redundancy mode:

- If the RPS1800 has no 870 W PoE power module, it provides the same functions for PoE switches as it does for non-PoE switches.
- If the RPS1800 has 870 W PoE power modules installed, it provides power redundancy for the system and PoE power modules of PoE switches but does not provide forcible PoE power supply for the switches.
- The RPS1800 can provide PoE power redundancy for only one switch at a time. It requires only one 870 W PoE power module when using 220 V power input and requires two 870 W PoE power module when using 110 V power input.

NOTE

The 870 W PoE power modules and RPS cables are not hot swappable.

The RPS1800 only provides power redundancy for switches and cannot power on a switch directly.

The RPS1800 can be deployed on various networks to ensure non-stop operation of the networks. **Figure 5-75** and **Figure 5-76** show different deployments of the RPS1800.

When an RPS1800 uses the same external power supply system as the connected switches, it can prevent service interruption caused by failures of the switches' internal power modules. When an RPS1800 uses a different external power supply system than the connected switches, it can prevent service interruption caused by failures of switches' internal power modules and external power supply system. Therefore, this deployment is more reliable.

Figure 5-75 Same external power supply system for RPS1800 and connected switches

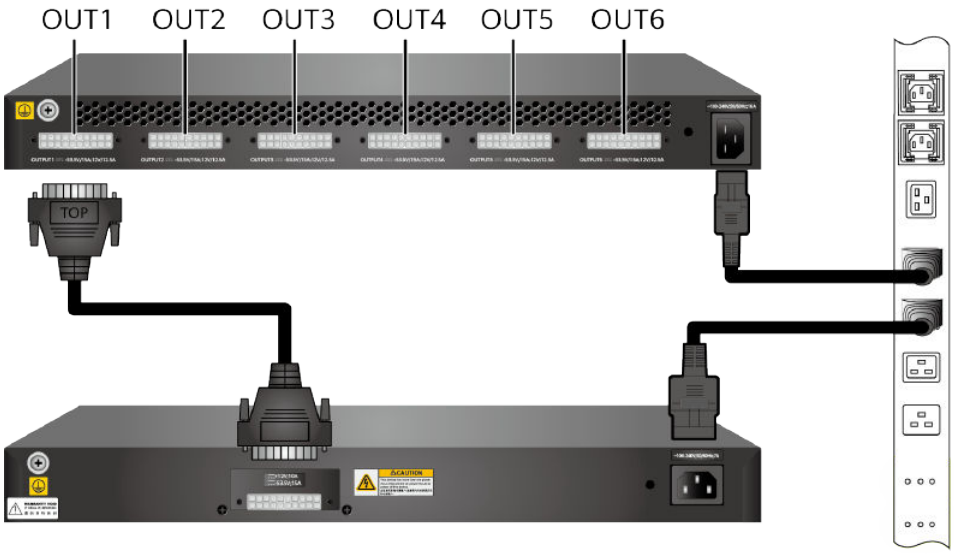
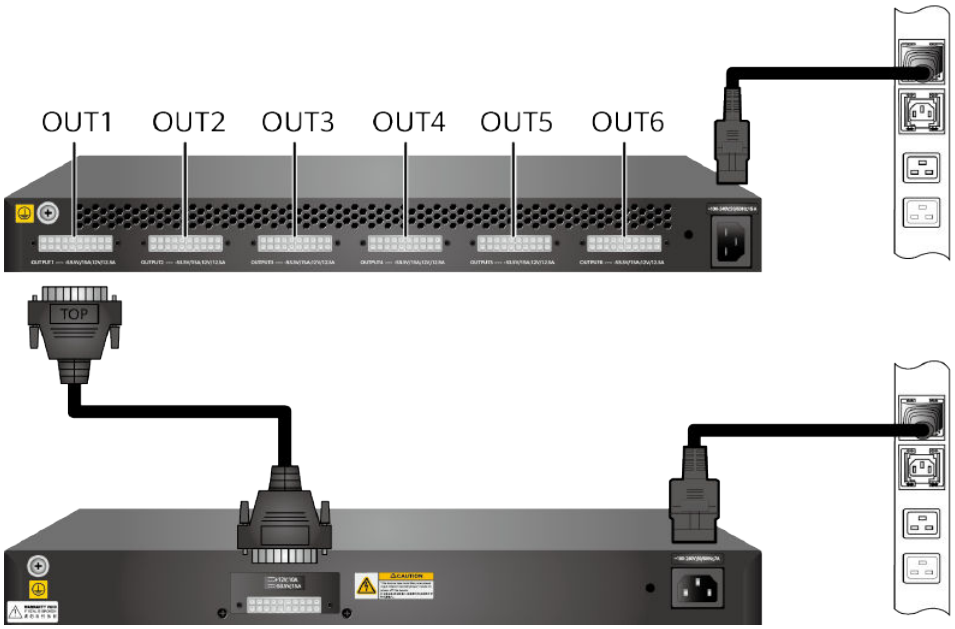


Figure 5-76 Different external power supply systems for RPS1800 and connected switches

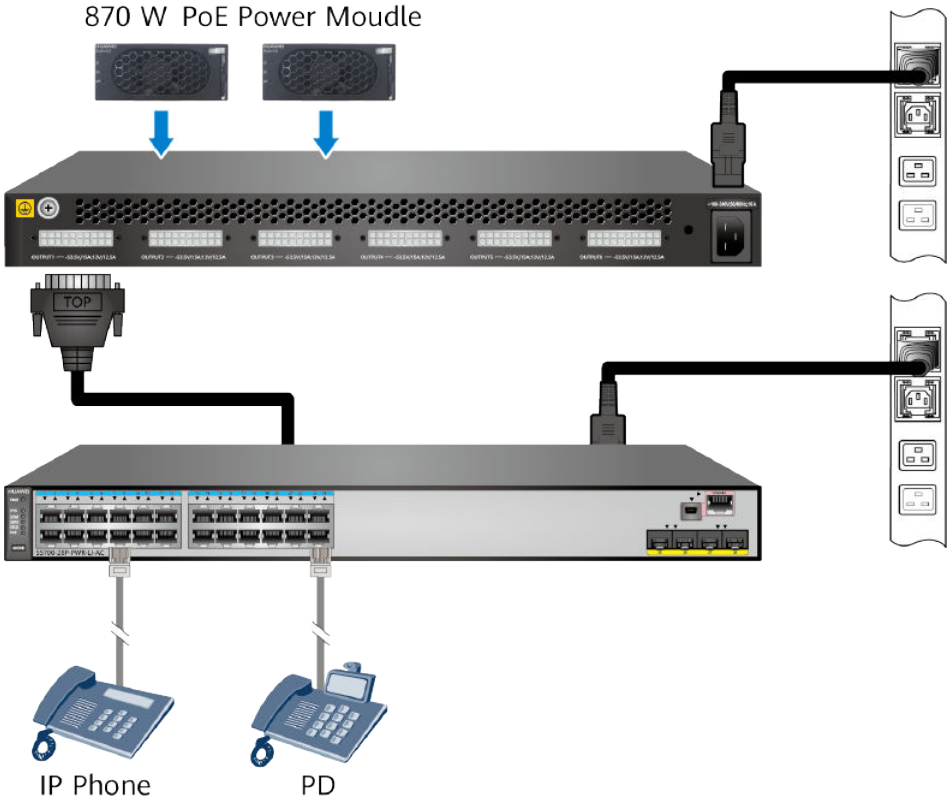


If one of switches connected to the RPS1800 encounters an internal power module failure, the RPS1800 provides seamless failover for the switch. Then the RPS1800 does not provide power backup for the other switches connected until the internal power module of the faulty switch is recovered or replaced.

If more than one connected switch has an internal power module failure, the RPS1800 preferentially provides power for the switch connected to port 1. If the switch connected to port 1 has an internal power module failure when the RPS1800 is providing power for a switch connected to another port, the RPS1800 immediately stops supplying power for this switch and starts providing power to the switch connected to port 1.

If the RPS1800 has 870 W PoE power modules installed, it can provide PoE power for PoE switches, as shown in **Figure 5-77**.

Figure 5-77 PoE power supply for connected switches



Technical Specifications

Table 5-153 Technical specifications of the RPS1800

Item	Description (Without Power Modules Installed)	Description (with One Power Module Installed)	Description (with Two Power Modules Installed)
Dimensions (H x W x D)	43.6 mm x 442.0 mm x 310.0 mm (1.72 in. x 17.4 in. x 12.2 in.)		
Weight	4.0 kg	5.5 kg	7.0 kg
Operating temperature	0°C to 50°C (at 0-2000 m altitude)		
Storage temperature	-40°C to +70°C		
Relative humidity	5% RH to 95% RH, noncondensing		

Item	Description (Without Power Modules Installed)	Description (with One Power Module Installed)	Description (with Two Power Modules Installed)
Airflow direction	Air flows in through the DC output ports side and flows out through the power module side.		
Rated input voltage	220/110 V AC, 50/60 Hz		
Input voltage range	200 V AC to 240 V AC (220 V rated voltage input)/100 V AC to 120 V AC (110 V rated voltage input), 50/60 Hz		
Input current	12 A		
Maximum output current	12 V: 11.5 A	• 12 V: 11.5 A • -53.5 V: 15 A (input voltage range: 200 V AC to 240 V AC)	• 12 V: 11.5 A • -53.5 V: 15 A output per port (input voltage range: 200 V AC to 240 V AC) • -53.5 V: 15 A output per port (input voltage range: 100 V AC to 120 V AC, two 870 W PoE power modules required)
Maximum output power	12 V: 140 W	• 12 V: 140 W • -53.5 V: 800 W (input voltage range: 200 V AC to 240 V AC)	• 12 V: 140 W • -53.5 V: 1600 W (input voltage range: 200 V AC to 240 V AC) • -53.5 V: 800 W (input voltage range: 100 V AC to 120 V AC, two 870 W PoE power modules required)

NOTE

Each interface of the RPS provides a maximum of 140 W power for the device and 800 W PoE power for PDs.

5.34 LS5W2PSA0870 (870 W PoE Power Module, Rectifier 15 A)

Overview

Table 5-154 Basic information about the LS5W2PSA0870

Item	Details
Description	870 W PoE Power Module, Rectifier 15 A
Part Number	02310LGV
Model	LS5W2PSA0870

Product Mapping

Table 5-155 RPS1800 matching an 870 W PoE power module

Power Module Name	Product Support
LS5W2PSA0870	Supported only in the RPS1800

Appearance

Figure 5-78 Appearance of an 870 W PoE power module

Functions and Features

An 870 W PoE power module can be configured on the RPS1800 to convert 100 V AC to 240 V AC power input into -53.5 V DC default power output. The functions

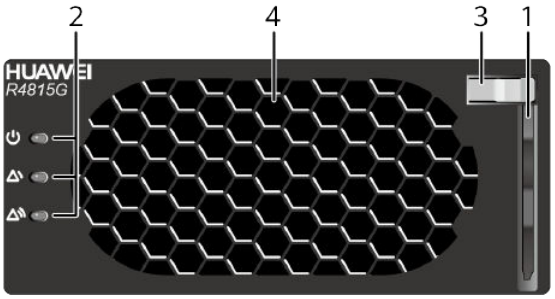
of the power module are described in **Table 5-156**. When the RPS1800 is configured with one 870 W PoE power module, it provides 800 W of PoE power for connected devices. It can be configured with a maximum of two 870 W PoE power modules to provide 1600 W of PoE power for connected devices.

Table 5-156 Functions of an 870 W PoE power module

Function	Description
Input protection	Input undervoltage and overvoltage protection is provided.
Output protection	Output overvoltage, overcurrent, and short-circuit protection is provided.
Overtemperature protection	-
Hot swapping	Not supported

Panel Description

Figure 5-79 Panel of an 870 W PoE power module



1. Extensible handle	2. Power status indicator	3. Slide pinch	4. Fan

Table 5-157 describes indicators on an 870 W PoE power module panel.

Table 5-157 Description of indicators on an 870 W PoE power module panel

Indicator	Color	Description
Power indicator 	Green	Off: No AC input power is provided or the power module is faulty. Steady on: AC input power is provided. Slow blinking: The power module is in manual query state. Fast blinking: Applications are being loaded on the power module.
Alarm indicator 	Yellow	Off: No alarm has been triggered on the power module. Steady on: • A power alarm has been generated due to ambient overtemperature. • A power-off alarm has been triggered by high or low ambient temperature. • Input undervoltage and overvoltage occur. • The power module is in dormant state. Blinking: The power module disconnects from the RPS1800.
Fault indicator 	Red	Off: No fault exists on the power module. Steady on: The power output is locked because of output overvoltage or no power output is provided because the power module is faulty.

Technical Specifications

Table 5-158 Technical specifications of the LS5W2PSA0870

Item	Description
Dimensions (H x W x D)	40.8 mm x 95.5 mm x 208.0 mm (1.61 in. x 3.76 in. x 8.19 in.)
Weight	< 1.5 kg
Rated input voltage	220/110 V AC, 50/60 Hz
Maximum input voltage range	200 V AC to 240 V AC (220 V rated voltage input)/100 V AC to 120 V AC (110 V rated voltage input), 47 Hz to 63 Hz
Input current	4.7 A

Item	Description
Maximum output power	• 870 W (voltage range: 200 V to 240 V) • 435 W (voltage range: 100 V to 120 V)

