

9 Powering on a Device for the First Time

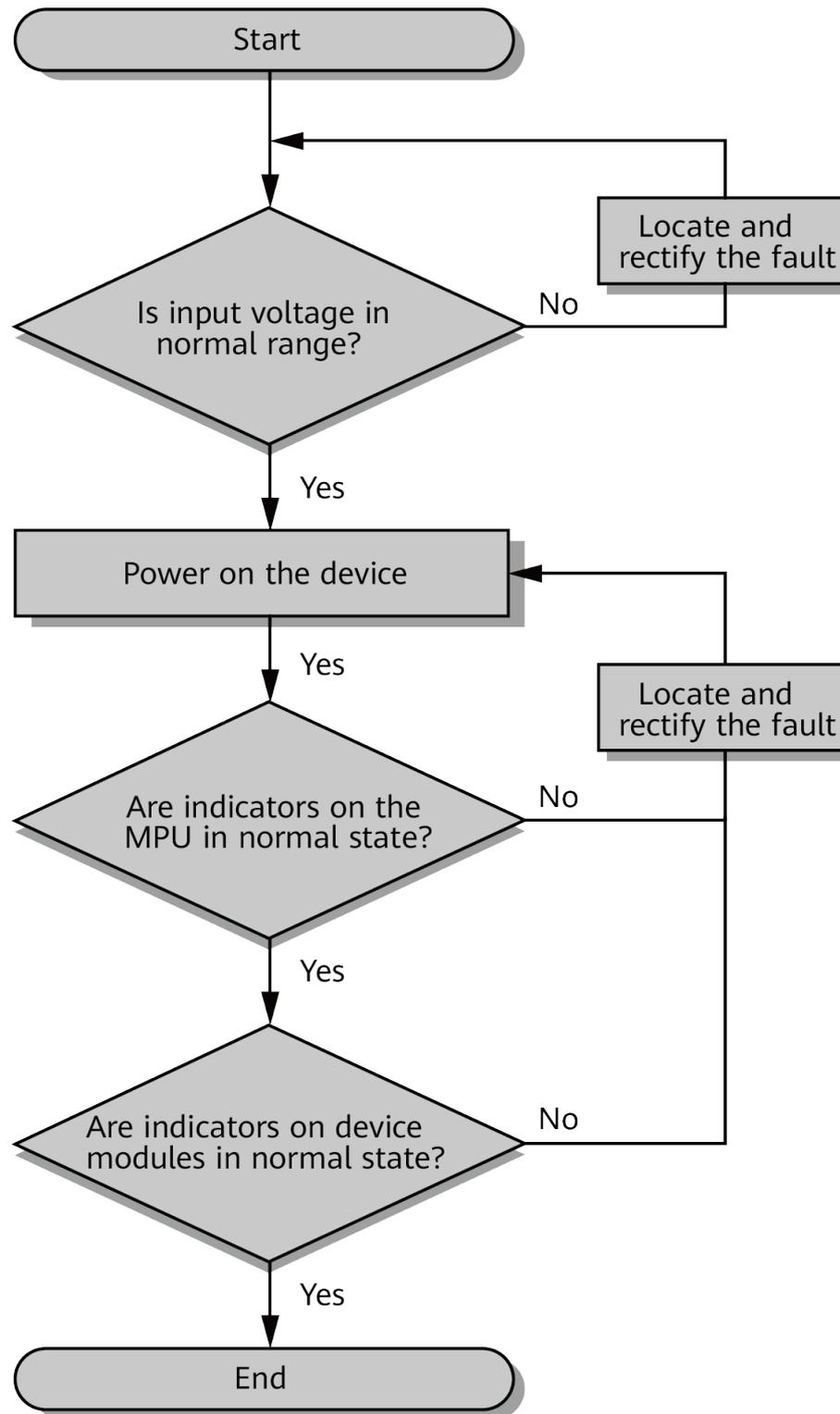
Procedure for Powering On a Device

 NOTE

After powering on a device, check indicators on the MPU first. If indicators on the MPU are in normal states, check indicators on other modules.

Figure 9-1 shows the procedure for powering on a device for the first time.

Figure 9-1 Procedure for powering on a device for the first time



Checking the Device After Power-On

NOTE

Modules of the same type used on different CloudEngine 16800 models have same indicators (same colors and meanings). The following figures show indicators on a CloudEngine 16808 as an example.

Figure 9-2 CloudEngine 16808 front view

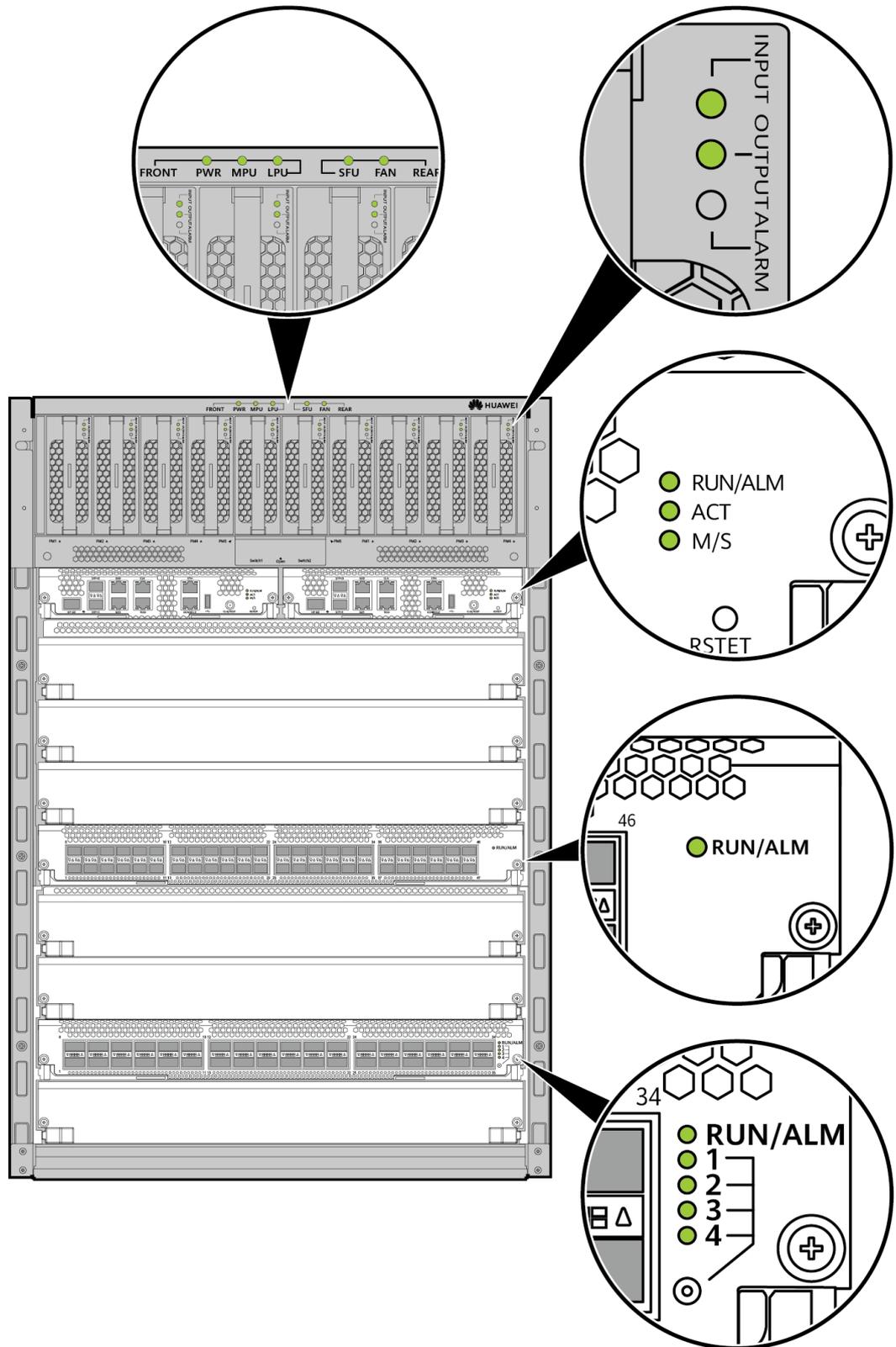


Figure 9-3 CloudEngine 16808 rear view

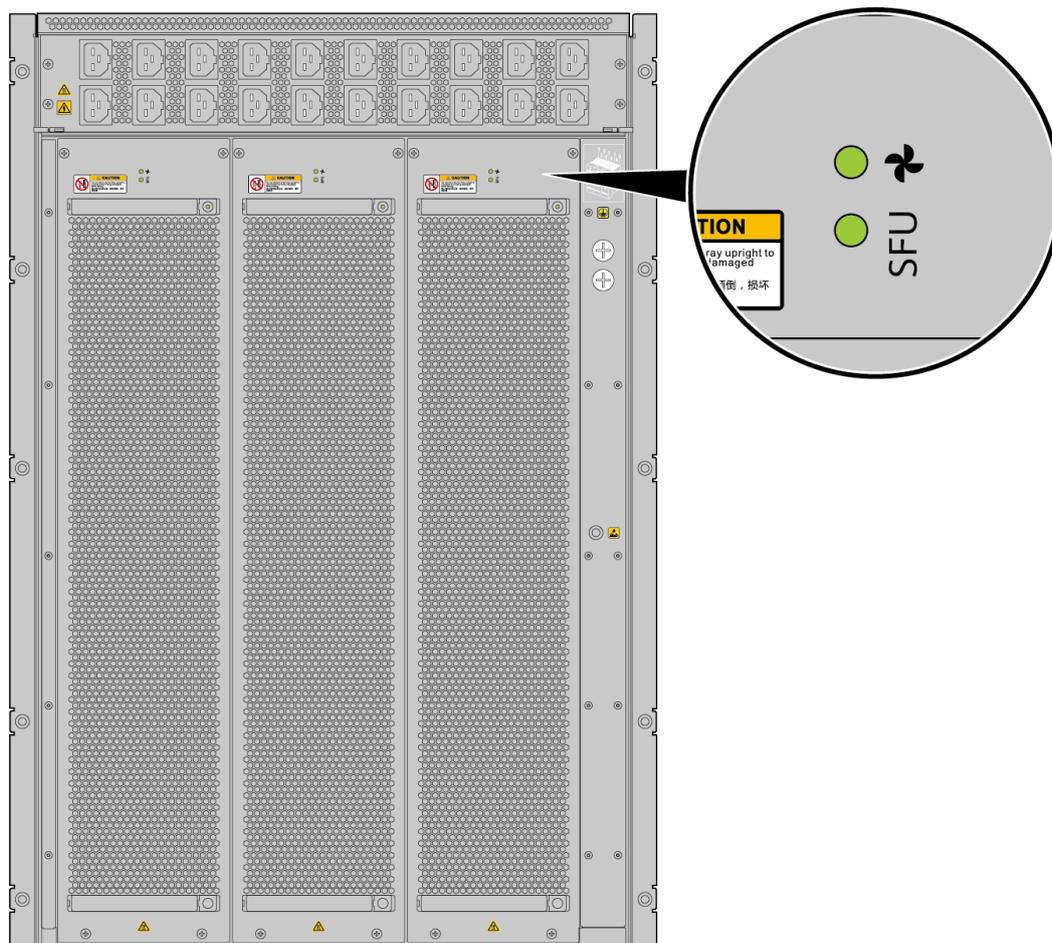


Table 9-1 shows the normal states of indicators on the modules of a device after it is powered on.

Table 9-1 Normal states of module indicators

Module Name	Indicator	Color	Description
System status	PWR	Green	Steady on: All installed power modules are working properly.
	MPU	Green	Steady on: All installed MPUs are working properly.
	LPU	Green	Steady on: All installed LPUs are working properly.
	SFU	Green	Steady on: All installed SFUs are working properly.
	FAN	Green	Steady on: All fan modules are installed and working properly.

Module Name	Indicator	Color	Description
MPU	RUN(G)/ ALM(R)/ OFL(Y)	Green	<ul style="list-style-type: none"> Steady on: The card has been powered on but the system software is not running. Slow blinking (0.5 Hz): The card is running properly. Fast blinking (4 Hz): The card is loading the system software or is resetting.
	ACT	Green	<ul style="list-style-type: none"> Steady on: The card is the active MPU. Off: The card is the standby MPU.
	M/S	Green	<ul style="list-style-type: none"> Slow blinking (0.5 Hz): The stacking function is enabled, and the card is not the active MPU of the stack system. Steady on: The stacking function is enabled, and the card is the active MPU of the stack system. Off: The stacking function is disabled.
LPU	RUN/ALM	Green	<ul style="list-style-type: none"> Steady on: The card has been powered on but the system software is not running. Slow blinking (0.5 Hz): The card is running properly. Fast blinking (4 Hz): The card is loading the system software or is resetting.
Power module	Input	Green	<ul style="list-style-type: none"> Steady on: The input power of the power module is in the normal range. Fast blinking (4 Hz): The input voltage of the power module is out of the normal range. Off: The power module receives no input power.
	Output	Green	<ul style="list-style-type: none"> Steady on: The output power of the power module is in the normal range. Off: The power module has no output power or the output power is abnormal.
SFU	RUN(G) ALM(R) OFL(Y)	Green	<ul style="list-style-type: none"> Steady on: The card has been powered on but the system software is not running. Slow blinking (0.5 Hz): The card is running properly. Fast blinking (4 Hz): The card is loading the system software or is resetting.

Module Name	Indicator	Color	Description
Fan module		Green	<ul style="list-style-type: none">Fast blinking (4 Hz): The fan module has not established communication with the MPU or communication loss occurs.Slow blinking (0.5 Hz): The fan module is working properly and communicating with the MPU normally.
	SFU	Green	Steady on: The SFU is working properly.

 NOTE

For more information about indicators on the device, see [Indicators](#).

Follow-up Procedure

NOTICE

Powering off the device will interrupt all the services on the device. Exercise caution when deciding to perform this operation.

To power off the device, perform the following steps:

1. Turn off the two power switches under the power modules of the device.
2. Turn off power switches of the external power supply system connected to the device.
3. Verify that the device and all its modules are powered off.