

Contents

1 About This Document.....	1
2 Using the Info-Finder.....	4
3 Version Requirements for Components.....	6
4 Chassis.....	7
4.1 Chassis Overview.....	8
4.2 Naming Conventions.....	8
4.3 Port Numbering Conventions.....	14
4.4 S5700-LI.....	18
4.4.1 S5700-10P-LI-AC.....	18
4.4.2 S5700-10P-PWR-LI-AC.....	23
4.4.3 S5700-28P-LI-AC.....	28
4.4.4 S5700-28P-LI-DC.....	34
4.4.5 S5700-28P-PWR-LI-AC.....	40
4.4.6 S5700-52P-LI-AC.....	48
4.4.7 S5700-52P-LI-DC.....	54
4.4.8 S5700-52P-PWR-LI-AC.....	60
4.4.9 S5700-28TP-LI-AC.....	67
4.4.10 S5700-28TP-PWR-LI-AC.....	73
4.4.11 S5701-28TP-PWR-LI-AC.....	81
4.4.12 S5700-28X-LI-AC.....	88
4.4.13 S5700-28X-LI-DC.....	100
4.4.14 S5700-28X-PWR-LI-AC.....	106
4.4.15 S5700-28X-LI-24S-AC.....	119
4.4.16 S5700-28X-LI-24S-DC.....	132
4.4.17 S5701-28X-LI-AC.....	139
4.4.18 S5701-28X-LI-24S-AC.....	146
4.4.19 S5700-52X-LI-AC.....	153
4.4.20 S5700-52X-LI-DC.....	160
4.4.21 S5700-52X-PWR-LI-AC.....	166
4.4.22 S5700-52X-LI-48CS-AC.....	172
4.5 S5700S-LI.....	184
4.5.1 S5700S-28P-LI-AC.....	184

4.5.2 S5700S-28P-PWR-LI-AC.....	193
4.5.3 S5700S-52P-LI-AC.....	205
4.5.4 S5700S-28X-LI-AC.....	211
4.5.5 S5700S-52X-LI-AC.....	218
4.6 S5700-LI-BAT.....	230
4.6.1 S5700-28P-LI-BAT.....	230
4.6.2 S5700-28P-LI-24S-BAT.....	240
4.7 S5710-LI.....	248
4.7.1 S5710-28C-LI.....	248
4.7.2 S5710-28C-PWR-LI.....	254
4.7.3 S5710-52C-LI.....	261
4.7.4 S5710-52C-PWR-LI.....	267
4.7.5 S5710-28X-LI-AC.....	273
4.7.6 S5710-52X-LI-AC.....	281
4.8 S5720-LI.....	288
4.8.1 S5720-12TP-LI-AC.....	288
4.8.2 S5720-12TP-PWR-LI-AC.....	297
4.8.3 S5720-28TP-LI-AC.....	308
4.8.4 S5720-28TP-PWR-LI-AC.....	315
4.8.5 S5720-28TP-PWR-LI-ACL.....	327
4.8.6 S5720-28P-LI-AC.....	334
4.8.7 S5720-28P-PWR-LI-AC.....	342
4.8.8 S5720-52P-LI-AC.....	351
4.8.9 S5720-52P-PWR-LI-AC.....	359
4.8.10 S5720-16X-PWH-LI-AC.....	367
4.8.11 S5720-28X-LI-AC.....	373
4.8.12 S5720-28X-LI-DC.....	380
4.8.13 S5720-28X-LI-24S-AC.....	386
4.8.14 S5720-28X-LI-24S-DC.....	399
4.8.15 S5720-28X-PWR-LI-AC.....	407
4.8.16 S5720-28X-PWR-LI-ACF.....	419
4.8.17 S5720-28X-PWH-LI-AC.....	426
4.8.18 S5720-52X-LI-AC.....	435
4.8.19 S5720-52X-LI-DC.....	443
4.8.20 S5720-52X-PWR-LI-AC.....	449
4.8.21 S5720-52X-PWR-LI-ACF.....	457
4.8.22 S5720-52X-LI-48S-AC.....	464
4.9 S5720S-LI.....	471
4.9.1 S5720S-12TP-LI-AC.....	471
4.9.2 S5720S-12TP-PWR-LI-AC.....	478
4.9.3 S5720S-28TP-PWR-LI-ACL.....	484
4.9.4 S5720S-28P-LI-AC.....	491

4.9.5 S5720SV2-28P-LI-AC.....	498
4.9.6 S5720S-28P-PWR-LI-AC.....	505
4.9.7 S5720S-52P-LI-AC.....	512
4.9.8 S5720SV2-52P-LI-AC.....	518
4.9.9 S5720S-52P-PWR-LI-AC.....	525
4.9.10 S5720S-28X-LI-AC.....	533
4.9.11 S5720S-28X-LI-24S-AC.....	539
4.9.12 S5720S-28X-PWR-LI-AC.....	547
4.9.13 S5720S-52X-LI-AC.....	554
4.9.14 S5720S-52X-PWR-LI-AC.....	560
4.10 S5700-SI.....	568
4.10.1 S5700-24TP-SI-AC.....	568
4.10.2 S5700-24TP-SI-DC.....	577
4.10.3 S5700-24TP-PWR-SI.....	582
4.10.4 S5700-48TP-SI-AC.....	589
4.10.5 S5700-48TP-SI-DC.....	595
4.10.6 S5700-48TP-PWR-SI.....	600
4.10.7 S5700-26X-SI-12S-AC.....	607
4.10.8 S5700-28C-SI.....	617
4.10.9 S5700-28C-PWR-SI.....	628
4.10.10 S5700-52C-SI.....	640
4.10.11 S5700-52C-PWR-SI.....	646
4.11 S5720-SI.....	652
4.11.1 S5720-14X-PWH-SI-AC.....	652
4.11.2 S5720-28P-SI-AC.....	665
4.11.3 S5720-52P-SI-AC.....	674
4.11.4 S5720-28X-SI-AC.....	682
4.11.5 S5720-28X-SI-DC.....	691
4.11.6 S5720-28X-PWR-SI-AC.....	700
4.11.7 S5720-28X-PWR-SI-DC.....	709
4.11.8 S5720-28X-SI-24S-AC.....	719
4.11.9 S5720-28X-SI-24S-DC.....	733
4.11.10 S5721-28X-SI-24S-AC.....	741
4.11.11 S5720-52X-SI-AC.....	756
4.11.12 S5720-52X-SI-DC.....	764
4.11.13 S5720-52X-PWR-SI-AC.....	772
4.11.14 S5720-52X-PWR-SI-DC.....	787
4.11.15 S5720-52X-PWR-SI-ACF.....	796
4.11.16 S5720-52X-SI-48S.....	805
4.12 S5720S-SI.....	813
4.12.1 S5720S-28P-SI-AC.....	813
4.12.2 S5720S-52P-SI-AC.....	821

4.12.3 S5720S-28X-SI-AC.....	829
4.12.4 S5720S-28X-SI-DC.....	837
4.12.5 S5720S-52X-SI-AC.....	845
4.12.6 S5720S-52X-SI-DC.....	858
4.13 S5720I-SI.....	865
4.13.1 S5720I-6X-PWH-SI-AC.....	865
4.13.2 S5720I-10X-PWH-SI-AC.....	879
4.13.3 S5720I-12X-SI-AC.....	893
4.13.4 S5720I-12X-PWH-SI-DC.....	899
4.13.5 S5720I-28X-SI-AC.....	911
4.13.6 S5720I-28X-PWH-SI-AC.....	917
4.14 S5730-SI.....	930
4.14.1 S5730-48C-SI-AC.....	930
4.14.2 S5730-48C-PWR-SI-AC.....	938
4.14.3 S5730-68C-SI-AC.....	947
4.14.4 S5730-68C-PWR-SI-AC.....	955
4.14.5 S5730-68C-PWR-SI.....	970
4.15 S5700-EI.....	981
4.15.1 S5700-28C-EI.....	981
4.15.2 S5700-28C-EI-24S.....	990
4.15.3 S5700-28C-PWR-EI.....	997
4.15.4 S5700-52C-EI.....	1008
4.15.5 S5700-52C-PWR-EI.....	1014
4.16 S5710-EI.....	1020
4.16.1 S5710-28C-EI.....	1020
4.16.2 S5710-28C-PWR-EI-AC.....	1034
4.16.3 S5710-52C-EI.....	1048
4.16.4 S5710-52C-PWR-EI.....	1055
4.16.5 S5710-52C-PWR-EI-AC.....	1063
4.17 S5720-EI.....	1070
4.17.1 S5720-36C-EI-AC.....	1070
4.17.2 S5720-36C-EI-DC.....	1079
4.17.3 S5720-36C-EI-28S-AC.....	1089
4.17.4 S5720-36C-EI-28S-DC.....	1104
4.17.5 S5720-36C-PWR-EI-AC.....	1114
4.17.6 S5720-36C-PWR-EI-DC.....	1129
4.17.7 S5720-56C-EI-AC.....	1139
4.17.8 S5720-56C-EI-DC.....	1147
4.17.9 S5720-56C-EI-48S-AC.....	1155
4.17.10 S5720-56C-EI-48S-DC.....	1163
4.17.11 S5720-56C-PWR-EI-AC.....	1171
4.17.12 S5720-56C-PWR-EI-DC.....	1180

4.17.13 S5720-56C-PWR-EI-AC1.....	1189
4.17.14 S5720-36PC-EI-AC.....	1198
4.17.15 S5720-56PC-EI-AC.....	1207
4.17.16 S5720-32X-EI-AC.....	1215
4.17.17 S5720-32X-EI-DC.....	1229
4.17.18 S5720-32X-EI-24S-AC.....	1237
4.17.19 S5720-32X-EI-24S-DC.....	1245
4.17.20 S5720-50X-EI-AC.....	1253
4.17.21 S5720-50X-EI-DC.....	1262
4.17.22 S5720-50X-EI-46S-AC.....	1268
4.17.23 S5720-50X-EI-46S-DC.....	1274
4.17.24 S5720-52X-EI-AC.....	1281
4.17.25 S5720-32P-EI-AC.....	1288
4.17.26 S5720-52P-EI-AC.....	1296
4.18 S5730S-EI.....	1303
4.18.1 S5730S-48C-EI-AC.....	1303
4.18.2 S5730S-48C-PWR-EI.....	1311
4.18.3 S5730S-68C-EI-AC.....	1319
4.18.4 S5730S-68C-PWR-EI.....	1327
4.19 S5700-HI.....	1344
4.19.1 S5700-28C-HI.....	1344
4.19.2 S5700-28C-HI-24S.....	1356
4.20 S5710-HI.....	1362
4.20.1 S5710-108C-PWR-HI.....	1362
4.21 S5720-HI.....	1377
4.21.1 S5720-32C-HI-24S-AC.....	1377
4.21.2 S5720-56C-HI-AC.....	1393
4.21.3 S5720-56C-PWR-HI-AC.....	1401
4.21.4 S5720-56C-PWR-HI-AC1.....	1415
4.22 S5730-HI.....	1423
4.22.1 S5730-36C-HI.....	1423
4.22.2 S5730-36C-PWH-HI.....	1430
4.22.3 S5730-36C-HI-24S.....	1441
4.22.4 S5730-44C-HI.....	1456
4.22.5 S5730-44C-PWH-HI.....	1463
4.22.6 S5730-44C-HI-24S.....	1480
4.22.7 S5730-60C-HI.....	1495
4.22.8 S5730-60C-PWH-HI.....	1503
4.22.9 S5730-60C-HI-48S.....	1514
4.22.10 S5730-68C-HI.....	1521
4.22.11 S5730-68C-PWH-HI.....	1529
4.22.12 S5730-68C-HI-48S.....	1540

4.23 S5731-L.....	1547
4.23.1 S5731-L4P2HW-RUA.....	1547
4.23.2 S5731-L4T2S-RUA.....	1556
4.23.3 S5731-L4T2ST-RUA.....	1562
4.23.4 S5731-L4P2S-RUA.....	1567
4.23.5 S5731-L4P2ST-RUA.....	1573
4.23.6 S5731-L4P2HT-RUA.....	1579
4.23.7 S5731-L8T2ST-RUA.....	1587
4.23.8 S5731-L8P2ST-RUA.....	1592
4.23.9 S5731-L8P2HT-RUA.....	1597
4.23.10 S5731-L8LP2ST-RUA.....	1607
4.23.11 S5731-L16P2SR-RUA.....	1612
4.24 S5731S-L.....	1618
4.24.1 S5731S-L4P2HW-RUA.....	1618
4.24.2 S5731S-L4T2S-RUA.....	1626
4.24.3 S5731S-L4T2ST-RUA.....	1632
4.24.4 S5731S-L4P2S-RUA.....	1637
4.24.5 S5731S-L4P2ST-RUA.....	1643
4.24.6 S5731S-L4P2HT-RUA.....	1649
4.24.7 S5731S-L8T2ST-RUA.....	1657
4.24.8 S5731S-L8P2ST-RUA.....	1662
4.24.9 S5731S-L8P2HT-RUA.....	1667
4.24.10 S5731S-L16P2SR-RUA.....	1677
4.25 S5731-S.....	1683
4.25.1 S5731-S24T4X (02353AHU/02353AHU-001).....	1683
4.25.2 S5731-S24T4X (98011851).....	1691
4.25.3 S5731-S24T4X-A (98011858).....	1700
4.25.4 S5731-S24T4X-A (98011858-001).....	1707
4.25.5 S5731-S24T4X-D (98011860).....	1715
4.25.6 S5731-S24T4X-D (98011860-001).....	1723
4.25.7 S5731-S24P4X (02353AHX/02353AHX-001/02353AHX-003).....	1731
4.25.8 S5731-S48T4X (02353AJB/02353AJB-003).....	1740
4.25.9 S5731-S48T4X (98011847).....	1748
4.25.10 S5731-S48T4X-A (98011854).....	1757
4.25.11 S5731-S48T4X-A (98011854-001).....	1771
4.25.12 S5731-S48P4X (02353AJH/02353AJH-001/02353AJH-003).....	1785
4.25.13 S5731-S32ST4X (98011813).....	1802
4.25.14 S5731-S32ST4X (98011813-002).....	1815
4.25.15 S5731-S32ST4X-A (98011808).....	1828
4.25.16 S5731-S32ST4X-A (98011808-001).....	1839
4.25.17 S5731-S32ST4X-D (98011810).....	1850
4.25.18 S5731-S32ST4X-D (98011810-001).....	1858

4.25.19 S5731-S48S4X (98011805).....	1866
4.25.20 S5731-S48S4X (98011805-001).....	1875
4.25.21 S5731-S48S4X-A (98011801).....	1884
4.25.22 S5731-S48S4X-A (98011801-001).....	1891
4.25.23 S5731-S24N4X2Q-A.....	1899
4.25.24 S5731-S24UN4X2Q.....	1914
4.25.25 S5731-S8UM16UN2Q.....	1936
4.26 S5731S-S.....	1953
4.26.1 S5731S-S24T4X-A (02353AHV/02353AHV-001).....	1953
4.26.2 S5731S-S24T4X-A (98011852).....	1960
4.26.3 S5731S-S24T4X-A1.....	1969
4.26.4 S5731S-S24P4X-A (02353AHY/02353AHY-001/02353AHY-003).....	1976
4.26.5 S5731S-S48T4X-A (02353AJC/02353AJC-003).....	1985
4.26.6 S5731S-S48T4X-A (98011848).....	1993
4.26.7 S5731S-S48T4X-A1.....	2002
4.26.8 S5731S-S48P4X-A (02353AJJ/02353AJJ-001/02353AJJ-003).....	2016
4.26.9 S5731S-S32ST4X-A (98011814).....	2033
4.26.10 S5731S-S32ST4X-A (98011814-001).....	2046
4.26.11 S5731S-S32ST4X-A1 (98011809).....	2059
4.26.12 S5731S-S32ST4X-A1 (98011809-001).....	2070
4.26.13 S5731S-S48S4X-A (98011806).....	2081
4.26.14 S5731S-S48S4X-A (98011806-001).....	2090
4.26.15 S5731S-S48S4X-A1 (98011802).....	2099
4.26.16 S5731S-S48S4X-A1 (98011802-001).....	2106
4.27 S5731-H.....	2114
4.27.1 S5731-H24T4XC (02352QPP/02352QPP-001/02352QPP-005).....	2114
4.27.2 S5731-H24P4XC (02352QPV/02352QPV-001/02352QPV-003).....	2121
4.27.3 S5731-H48T4XC (02352QPT/02352QPT-003/02352QPT-007).....	2130
4.27.4 S5731-H48P4XC (02352SVD/02352SVD-001/02352SVD-003).....	2138
4.27.5 S5731-H48T4XC-B (02353VAD/02353VAD-003/02353VAD-005).....	2155
4.27.6 S5731-H24HB4XZ (02354QXD).....	2162
4.27.7 S5731-H24HB4XZ (02354QXD-001).....	2185
4.27.8 S5731-H48HB4XZ (02354QXB).....	2207
4.27.9 S5731-H48HB4XZ (02354QXB-001).....	2221
4.28 S5731S-H.....	2235
4.28.1 S5731S-H24T4XC-A (02352YRG/02352YRG-001/02352YRG-003).....	2235
4.28.2 S5731S-H48T4XC-A (02352YRF/02352YRF-003/02352YRF-005).....	2242
4.28.3 S5731S-H24T4S-A (02353DJE/02353DJE-001/02353DJE-003).....	2250
4.28.4 S5731S-H48T4S-A (02353DJG/02353DJG-003/02353DJG-005).....	2257
4.28.5 S5731S-H24T4X-A (02353HVH/02353HVH-001/02353HVH-003).....	2265
4.28.6 S5731S-H48T4X-A (02353HVJ/02353HVJ-003/02353HVJ-005).....	2273
4.28.7 S5731S-H24HB4XZ-A (02354QXE).....	2281

4.28.8 S5731S-H24HB4XZ-A (02354QXE-001).....	2304
4.28.9 S5731S-H48HB4XZ-A (02354QXC).....	2326
4.28.10 S5731S-H48HB4XZ-A (02354QXC-001).....	2340
4.29 S5732-H.....	2354
4.29.1 S5732-H24S6Q (02353AJS/02353AJS-001/02353AJS-003/02353AJS-004/02353AJS-005).....	2354
4.29.2 S5732-H48S6Q (02353AJU/02353AJU-001/02353AJU-003/02353AJU-004).....	2367
4.29.3 S5732-H24UM2CC (02353HUC/02353HUC-003/02353SJY/ 02353SJY-001/02353SJY-004/02353SJY-010/02353SJY-011/02353SJY-014).....	2377
4.29.4 S5732-H24UM2CC (02353SJY-020/02353SJY-021/02353SJY-024).....	2398
4.29.5 S5732-H48UM2CC (02353HUB/02353HUB-002/02353SJT/ 02353SJT-001/02353SJT-003/02353SJT-004/02353SJT-010/02353SJT-011/02353SJT-013/02353SJT-014)	2418
4.29.6 S5732-H48UM2CC (02353SJT-020/02353SJT-021/02353SJT-023/02353SJT-024).....	2434
4.29.7 S5732-H48XUM2CC (02353MLH/02353MLH-001/02353MLH-002).....	2448
4.30 S5735-L.....	2462
4.30.1 S5735-L12T4S-A.....	2462
4.30.2 S5735-L12P4S-A.....	2468
4.30.3 S5735-L24T4S-A.....	2482
4.30.4 S5735-L24P4S-A.....	2489
4.30.5 S5735-L24T4X-A.....	2497
4.30.6 S5735-L24T4X-D.....	2504
4.30.7 S5735-L24P4X-A.....	2511
4.30.8 S5735-L32ST4X-A.....	2518
4.30.9 S5735-L32ST4X-D.....	2530
4.30.10 S5735-L48T4S-A.....	2538
4.30.11 S5735-L48T4X-A.....	2545
4.30.12 S5735-L48P4X-A.....	2552
4.31 S5735S-L.....	2560
4.31.1 S5735S-L12T4S-A.....	2560
4.31.2 S5735S-L12P4S-A.....	2566
4.31.3 S5735S-L24FT4S-A.....	2574
4.31.4 S5735S-L24T4S-A.....	2581
4.31.5 S5735S-L24T4X-A.....	2587
4.31.6 S5735S-L24P4S-A.....	2594
4.31.7 S5735S-L24P4X-A.....	2602
4.31.8 S5735S-L32ST4X-A.....	2609
4.31.9 S5735S-L48FT4S-A.....	2616
4.31.10 S5735S-L48T4S-A.....	2624
4.31.11 S5735S-L48T4X-A.....	2632
4.31.12 S5735S-L48P4S-A.....	2639
4.31.13 S5735S-L48P4X-A.....	2647
4.32 S5735-L1.....	2655
4.32.1 S5735-L8T4S-A1 (98011284).....	2655

4.32.2 S5735-L8T4S-A1 (98011284-001).....	2661
4.32.3 S5735-L8P4S-A1 (98011295).....	2667
4.32.4 S5735-L8P4S-A1 (98011295-001).....	2674
4.32.5 S5735-L8T4X-A1.....	2681
4.32.6 S5735-L8P4X-A1.....	2688
4.32.7 S5735-L24T4S-A1 (98011306).....	2696
4.32.8 S5735-L24T4S-A1 (98011306-001).....	2702
4.32.9 S5735-L24P4S-A1 (98011321).....	2708
4.32.10 S5735-L24P4S-A1 (98011321-001).....	2715
4.32.11 S5735-L24T4X-A1.....	2722
4.32.12 S5735-L24T4X-D1.....	2730
4.32.13 S5735-L24P4X-A1.....	2736
4.32.14 S5735-L32ST4X-A1.....	2749
4.32.15 S5735-L32ST4X-D1.....	2763
4.32.16 S5735-L48T4S-A1.....	2770
4.32.17 S5735-L48P4S-A1.....	2777
4.32.18 S5735-L48T4X-A1.....	2785
4.32.19 S5735-L48P4X-A1.....	2793
4.32.20 S5735-L8T4S-QA1.....	2807
4.32.21 S5735-L8P4S-QA1.....	2813
4.32.22 S5735-L24T4S-QA1.....	2820
4.32.23 S5735-L24T4X-QA1.....	2825
4.33 S5735S-L1.....	2832
4.33.1 S5735S-L8T4S-A1.....	2832
4.33.2 S5735S-L8P4S-A1.....	2839
4.33.3 S5735S-L24T4S-A1.....	2846
4.33.4 S5735S-L24P4S-A1.....	2853
4.33.5 S5735S-L24T4X-A1.....	2860
4.33.6 S5735S-L24P4X-A1.....	2867
4.33.7 S5735S-L32ST4X-A1.....	2879
4.33.8 S5735S-L48T4S-A1.....	2893
4.33.9 S5735S-L48P4S-A1.....	2900
4.33.10 S5735S-L48T4X-A1.....	2908
4.33.11 S5735S-L48P4X-A1.....	2915
4.34 S5735S-L-M.....	2929
4.34.1 S5735S-L24T4S-MA.....	2929
4.34.2 S5735S-L24P4S-MA.....	2936
4.34.3 S5735S-L48T4S-MA.....	2944
4.35 S5735-L-I.....	2951
4.35.1 S5735-L8T4X-IA1.....	2951
4.35.2 S5735-L8P4X-IA1.....	2957
4.35.3 S5735-L24T4X-IA1.....	2964

4.36 S5735-S.....	2971
4.36.1 S5735-S24T4X.....	2971
4.36.2 S5735-S24P4X.....	2979
4.36.3 S5735-S32ST4X.....	2995
4.36.4 S5735-S48T4X.....	3003
4.36.5 S5735-S48P4X.....	3010
4.36.6 S5735-S48S4X.....	3018
4.37 S5735-S-I.....	3025
4.37.1 S5735-S4T2X-IA150G1.....	3025
4.37.2 S5735-S8P2X-IA200G1.....	3037
4.37.3 S5735-S8P2X-IA200H1.....	3049
4.37.4 S5735-S24T4X-I.....	3065
4.38 S5735S-S.....	3072
4.38.1 S5735S-S24T4S-A.....	3072
4.38.2 S5735S-S32ST4X-A.....	3080
4.38.3 S5735S-S48T4S-A.....	3088
4.38.4 S5735S-S24T4X-A.....	3096
4.38.5 S5735S-S24P4X-A.....	3104
4.38.6 S5735S-S48T4X-A.....	3112
4.38.7 S5735S-S48P4X-A.....	3120
4.39 S5735S-H.....	3128
4.39.1 S5735S-H24S4XC-A.....	3128
4.40 S5736-S.....	3138
4.40.1 S5736-S24UM4XC (98011020).....	3138
4.40.2 S5736-S24S4XC.....	3160
4.40.3 S5736-S48S4XC.....	3176
4.40.4 S5736-S48S4X-A.....	3186
4.40.5 S5736-S48S4X-D.....	3197
5 Power Modules.....	3205
5.1 PAC-60WA-L (60 W AC Power Module).....	3206
5.2 LS5M100PWA00/ES0W2PSA0150 (150 W AC Power Module).....	3209
5.3 LS5M100PWD00/ES0W2PSD0150 (150 W DC Power Module).....	3213
5.4 PAC-350WA-B (350 W AC Power Module).....	3216
5.5 W0PSA2500 (250 W AC PoE Power Module).....	3219
5.6 W0PSA5000/PAC-500WA-BE (500 W AC PoE Power Module).....	3222
5.7 W2PSA0580 (580 W AC PoE Power Module).....	3226
5.8 PDC-650WA-BE (650 W DC PoE Power Module).....	3229
5.9 PAC1000D5412 (1000 W AC PoE Power Module).....	3232
5.10 W2PSA1150 (1150 W AC PoE Power Module).....	3235
5.11 PAC60S12-AR (60 W AC&240 V DC Power Module).....	3238
5.12 PAC150S12-R (150 W AC Power Module).....	3242
5.13 W0PSA1701 (170 W AC Power Module).....	3249

5.14 ES5M0PSD1700 (170 W DC Power Module).....	3252
5.15 PDC180S12-CR (180 W DC Power Module).....	3255
5.16 PAC240S56-CN (240 W PoE AC&HVDC Power Module).....	3262
5.17 PAC-260WA-E (260 W AC Power Module).....	3265
5.18 PDC-350WA-B (350 W DC Power Module).....	3268
5.19 PAC-600WA-B (600 W AC Power Module).....	3272
5.20 PAC600S12-CB (600 W AC&240 V DC Power Module).....	3276
5.21 PAC600S12-DB (600 W AC&240 V DC Power Module).....	3282
5.22 PAC600S12-EB (600 W AC&240 V DC Power Module).....	3289
5.23 PAC600S56-CB (600 W PoE AC&240 V DC Power Module (Back to Front, Power panel side exhaust)).....	3296
5.24 PAC600S56-EB (600 W PoE AC&240 V DC Power Module (66mm Width Case, Back to Front, Power panel side exhaust)).....	3302
5.25 PAC1000S56-CB (02312KND: 1000 W PoE AC&240 V DC Power Module).....	3307
5.26 PAC1000S56-CB (02312KND-001: 1000 W PoE AC&240 V DC Power Module).....	3314
5.27 PAC1000S56-DB (1000 W PoE AC&240 V DC Power Module).....	3321
5.28 PAC1000S56-EB (1000 W PoE AC&240 V DC Power Module (66 mm Width Case, Back to Front, Power panel side exhaust)).....	3328
5.29 PDC1000S56-CB (1000 W PoE DC Power Module).....	3333
5.30 PDC1000S12-DB (1000 W DC Power Module).....	3340
5.31 PDC1000S56-EB (1000 W PoE DC Power Module (66 mm Width case, Back to Front, Power panel side exhaust)).....	3345
5.32 HW-560268D0D (150 W PoE AC Power Adapter).....	3350
5.33 RPS1800 Redundant Power Supply (6 DC Output Ports, 12V Total Output Power 140W, 48V Total Output Power 1600W).....	3353
5.34 LS5W2PSA0870 (870 W PoE Power Module, Rectifier 15 A).....	3361
6 Battery Modules.....	3365
6.1 BAT-4AHA (Chargeable Lithium Battery).....	3365
6.2 BAT-8AHA (Chargeable Lithium Battery).....	3370
6.3 PBB-12AHA (12AH Lead-Acid Battery Charger Module).....	3375
7 Fan Modules.....	3380
7.1 CX7E1FANA Fan Module.....	3380
7.2 FAN-028A-B Fan Module.....	3382
7.3 FAN-40EA-B Fan Module.....	3384
7.4 FAN-023A-B (Fan box(B,FAN panel side exhaust)).....	3387
7.5 FAN-031A-B (Fan box(B,FAN panel side exhaust)).....	3393
7.6 FAN-031A-F (Fan box (F, FAN panel side intake)).....	3398
7.7 FAN-060B-B (Fan box (B, FAN panel side exhaust)).....	3401
8 Cards.....	3404
8.1 Card Classification.....	3405
8.2 Card Structure and Dimensions.....	3407
8.3 ES5D000X2S00 (2-Port 10GE SFP+ Front Optical Interface Card).....	3408
8.4 ES5D000X4S01 (4-Port 10GE SFP+ Front Optical Interface Card).....	3413

8.5 ES5D000G4S01 (4-Port GE SFP Front Optical Interface Card).....	3418
8.6 ES5D00G4SA01 (4-Port GE SFP Front Optical Interface Card).....	3422
8.7 ES5D00X2SA00 (2-Port GE SFP/10GE SFP+ Front Optical Interface Card).....	3427
8.8 ES5D00X4SA00 (4-Port GE SFP/10GE SFP+ Front Optical Interface Card).....	3430
8.9 ES5D00G4SC00 (4-Port GE SFP Front Optical Interface Card).....	3434
8.10 ES5D21G08S00 (8-Port GE SFP Rear Optical Interface Card).....	3438
8.11 ES5D21G08T00 (8-Port GE Rear Electrical Interface Card).....	3442
8.12 ES5D21X02S00 (2-Port GE SFP/10GE SFP+ Rear Optical Interface Card).....	3445
8.13 ES5D21G16S00 (16-Port GE SFP Front Optical Interface Card).....	3449
8.14 ES5D21G16T00 (16-Port GE Front Electrical Interface Card).....	3453
8.15 ES5D21Q02Q00 (2-Port 40 Gig QSFP+ Rear Interface Card).....	3456
8.16 ES5D21L04Q00 (4-Port 40GE QSFP+ Optical Interface Card).....	3462
8.17 ES5D21Q04Q01 (4-Port 40 Gig QSFP+ Rear Interface Card).....	3466
8.18 ES5D21X04S00 (4-Port 10GE SFP+ Rear Optical Interface Card).....	3471
8.19 ES5D21X04S01 (4-Port 10 GE SFP+ Rear Interface Card).....	3475
8.20 ES5D21X02S01 (2-Port 10 Gig SFP+ Rear Interface Card, Used in S5720-EI Series).....	3478
8.21 ES5D21X02T01 (2-Port 10 Gig RJ45 Rear Interface Card, Used in S5720-EI Series).....	3482
8.22 ES5D21X08S00 (8-Port 10GE SFP+ Rear Optical Interface Card).....	3486
8.23 ES5D21X08T00 (8-Port 10GBASE-T RJ45 Rear Interface Card).....	3491
8.24 S7X08000 (02312URW/02312URW-002: 8-Port 10GE SFP+ or 2-Port 25GE SFP28 Optical Interface Card (Only Ports 1 and 2 Support 25GE)).....	3496
8.25 S7Y08000 (02312URV/02312URV-002: 8-Port 25GE SFP28 Optical Interface Card).....	3502
8.26 S7Q02001 (02313UBW: 2-port 40GE QSFP+ interface card).....	3507
8.27 S7Q02001 (02313UBW-002: 2-port 40GE QSFP+ interface card).....	3515
8.28 S7C02000 (2-port 100GE QSFP28 interface card).....	3527
8.29 ES5D21VST000 (Dedicated Stack Card with 2*QSFP+ Interface).....	3533
8.30 ES5D00ETPC00 (Stack Rear Card).....	3537
8.31 ES5D00ETPB00 (Extended Rear Card).....	3543
9 Cables.....	3546
9.1 Ground Cable.....	3546
9.2 PCIe Cables.....	3548
9.3 Optical Fiber.....	3549
9.4 Ethernet Cable.....	3566
9.5 DC Power Cable (with OT and Cord End Terminals).....	3568
9.6 DC Power Cable (with Quick-Connect and Cord End Terminals).....	3571
9.7 2-Pin DC Power Cable (Phoenix Connector).....	3573
9.8 AC Power Cable.....	3574
9.9 3-Pin AC Power Cable (Phoenix Connector).....	3578
9.10 Monitoring Port Cable (Phoenix Connector).....	3579
9.11 RPS1800 Power Cable.....	3580
9.12 RPS Cable.....	3581
9.13 Console Cable.....	3582

9.14 Dedicated Stack Cable.....	3583
9.15 Copper Cable.....	3585
9.16 Lead-Acid Battery Temperature Sensor.....	3588
9.17 First-Generation Hybrid Cable.....	3590
9.18 Second-Generation Hybrid Cable.....	3594

10 Pluggable Modules for Interfaces.....3611

10.1 Important Notes About Using Optical Modules Certified for Huawei Switches.....	3612
10.1.1 How to Identify Huawei-Certified Switch Optical Modules.....	3612
10.1.2 Risks of Using Non-Huawei-Certified Switch Optical Modules.....	3613
10.2 Understanding Optical Modules.....	3614
10.2.1 What Is an Optical Module.....	3614
10.2.2 Types of Optical Modules.....	3620
10.2.3 Parameter Description.....	3621
10.2.4 How to View Optical Module Parameters.....	3623
10.2.5 Rules for Optical Module Interoperation.....	3624
10.3 Understanding Copper Modules.....	3626
10.4 FE SFP/eSFP Optical Modules.....	3627
10.4.1 S-SFP-FE-LH40-SM1310.....	3627
10.4.2 S-SFP-FE-LH80-SM1550.....	3628
10.4.3 SFP-FE-LX-SM1310-BIDI.....	3629
10.4.4 SFP-FE-LX-SM1550-BIDI.....	3630
10.4.5 SFP-FE-SX-MM1310.....	3631
10.4.6 eSFP-FE-LX-SM1310.....	3632
10.5 GE eSFP Optical Modules.....	3632
10.5.1 LE2MGSC40DE0.....	3633
10.5.2 LE2MGSC40ED0.....	3634
10.5.3 S-SFP-GE-LH40-SM1310.....	3635
10.5.4 S-SFP-GE-LH40-SM1550.....	3635
10.5.5 S-SFP-GE-LH80-SM1550.....	3636
10.5.6 SFP-GE-BXU1-SC.....	3637
10.5.7 SFP-GE-EX-C.....	3638
10.5.8 SFP-GE-LX-SM1310 (02315200).....	3639
10.5.9 SFP-GE-LX-SM1310-BIDI (02315285).....	3640
10.5.10 SFP-GE-LX-SM1490-BIDI (02315286).....	3641
10.5.11 SFP-GE-LX10-C.....	3642
10.5.12 SFP-GE-SX-C (02312UUB).....	3642
10.5.13 SFP-GE-ZBXD1.....	3644
10.5.14 SFP-GE-ZBXU1.....	3645
10.5.15 eSFP-GE-SX-MM850 (02315204).....	3646
10.5.16 eSFP-GE-ZX100-SM1550.....	3647
10.5.17 OGSC10DD0.....	3647
10.5.18 OGSC40DD0.....	3648

10.5.19 OGSM01880.....	3649
10.5.20 SFP-GE-BX-D1-I.....	3650
10.5.21 SFP-GE-BX-U1-I.....	3651
10.5.22 SFP-GE-BX40-D-I.....	3652
10.5.23 SFP-GE-BX40-U-I.....	3653
10.5.24 eSFP-GE-SX-MM850 (02313URD).....	3654
10.5.25 SFP-GE-LX-SM1310 (02313URF).....	3655
10.5.26 SFP-GE-SX-C (02314KKF).....	3656
10.5.27 SFP-GE-LX-SM1310-BIDI (02314KKJ).....	3657
10.5.28 SFP-GE-LX-SM1490-BIDI (02314KKH).....	3658
10.6 GE CSFP Optical Modules.....	3659
10.6.1 CSFP-GE-FE-BIDI2.....	3659
10.6.2 CSFP-GE-FE-BIDI4.....	3660
10.6.3 CSFP-GE-FE-BXD1.....	3661
10.7 GE-CWDM eSFP Optical Modules.....	3662
10.7.1 CWDM-SFPGE-1471.....	3662
10.7.2 CWDM-SFPGE-1491.....	3663
10.7.3 CWDM-SFPGE-1511.....	3664
10.7.4 CWDM-SFPGE-1531.....	3665
10.7.5 CWDM-SFPGE-1551.....	3666
10.7.6 CWDM-SFPGE-1571.....	3666
10.7.7 CWDM-SFPGE-1591.....	3667
10.7.8 CWDM-SFPGE-1611.....	3668
10.8 GE-CWDM eSFP Optical Modules (Used Only in the OADM scenario).....	3669
10.8.1 CWDM-SFPGE-1271.....	3669
10.8.2 CWDM-SFPGE-1291.....	3670
10.8.3 CWDM-SFPGE-1311.....	3671
10.8.4 CWDM-SFPGE-1331.....	3672
10.8.5 CWDM-SFPGE-1351.....	3672
10.8.6 CWDM-SFPGE-1371.....	3673
10.8.7 CWDM-SFPGE-1391.....	3674
10.8.8 CWDM-SFPGE-1411.....	3675
10.8.9 CWDM-SFPGE-1431.....	3676
10.8.10 CWDM-SFPGE-1451.....	3677
10.9 GE-DWDM eSFP Optical Modules.....	3677
10.9.1 DWDM-SFPGE-1560-61.....	3678
10.10 GE SFP Copper Modules.....	3678
10.10.1 SFP-1000BaseT (02314171).....	3679
10.10.2 SFP-1000BaseT (02313URG).....	3680
10.10.3 SFP-GE-TV.....	3681
10.11 SFP Stack Optical Modules.....	3682
10.11.1 SFP-6GE-LR.....	3682

10.12 2.5GE eSFP Optical Modules.....	3682
10.12.1 SFP-2.5G-FR.....	3683
10.12.2 SFP-2.5G-SR-I.....	3684
10.13 10GE SFP+ Optical Modules.....	3684
10.13.1 OMXD30000 (02318169).....	3685
10.13.2 OSX010000 (02318170).....	3686
10.13.3 OSX040N01 (02310CNF).....	3686
10.13.4 OSXD22N00.....	3687
10.13.5 SFP-10G-ER-1310.....	3688
10.13.6 SFP-10G-ER-C.....	3689
10.13.7 SFP-10G-ER-SM1270-BIDI.....	3690
10.13.8 SFP-10G-ER-SM1330-BIDI.....	3691
10.13.9 SFP-10G-LR-C (02312UUG).....	3692
10.13.10 SFP-10G-SR-C.....	3693
10.13.11 SFP-10G-USR (02310MNW).....	3694
10.13.12 SFP-10G-ZR.....	3695
10.13.13 OMXD30000 (02313URC).....	3696
10.13.14 OSX010000 (02313URK).....	3697
10.13.15 SFP-10G-USR (02313URN).....	3698
10.13.16 SFP+10GE-LH10-SM1310.....	3699
10.13.17 SFP-10G-BXD1.....	3699
10.13.18 SFP-10G-BXU1.....	3700
10.13.19 SFP-10G-SR.....	3701
10.13.20 SFP-10G-iLR.....	3702
10.13.21 SFP-10G-iLR-C.....	3703
10.13.22 SFP-10G-LR-I (02313ABG).....	3704
10.13.23 OSX040N01 (02314KKG).....	3705
10.13.24 SFP-10G-LR-C (02314KKE).....	3706
10.13.25 SFP-10G-LR-I (02314LBW).....	3707
10.14 10GE-CWDM SFP+ Optical Modules.....	3707
10.14.1 SFP-10G-ZCW1471.....	3708
10.14.2 SFP-10G-ZCW1491.....	3708
10.14.3 SFP-10G-ZCW1511.....	3709
10.14.4 SFP-10G-ZCW1531.....	3710
10.14.5 SFP-10G-ZCW1551.....	3711
10.14.6 SFP-10G-ZCW1571.....	3712
10.14.7 SFP-10G-ZCW1591.....	3713
10.14.8 SFP-10G-ZCW1611.....	3713
10.15 10GE-DWDM SFP+ Optical Modules.....	3714
10.15.1 SFP-10G-ZDWT.....	3714
10.16 25GE SFP28 Optical Modules.....	3715
10.16.1 SFP-25G-LR.....	3715

10.16.2 SFP-25G-SR.....	3716
10.16.3 SFP-25G-ESR.....	3717
10.16.4 SFP-25G-LR-BXU1-I.....	3718
10.16.5 SFP-25G-LR-BXD1-I.....	3719
10.16.6 SFP-25G-eLR-BXD1-I.....	3720
10.16.7 SFP-25G-eLR-BXU1-I.....	3721
10.17 40GE QSFP+ Optical Modules.....	3722
10.17.1 QSFP-40G-ER4.....	3722
10.17.2 QSFP-40G-LR4 (02310MHS).....	3723
10.17.3 QSFP-40G-LX4.....	3724
10.17.4 QSFP-40G-SDLC-PAM.....	3725
10.17.5 QSFP-40G-SR-BD.....	3726
10.17.6 QSFP-40G-SR4.....	3727
10.17.7 QSFP-40G-eSDLC-PAM.....	3728
10.17.8 QSFP-40G-eSM4.....	3729
10.17.9 QSFP-40G-eSR4 (02310RMB).....	3730
10.17.10 QSFP-40G-iSM4.....	3731
10.17.11 QSFP-40G-iSR4 (02310MHR).....	3732
10.17.12 QSFP-40G-LR4-Lite (02311YVB).....	3733
10.17.13 QSFP-40G-LX4-MM.....	3734
10.18 Industrial Optical Modules.....	3735
10.18.1 OGSC10DD0.....	3735
10.18.2 OGSC40DD0.....	3736
10.18.3 OGSM01880.....	3737
10.18.4 SFP-GE-BX-D1-I.....	3738
10.18.5 SFP-GE-BX-U1-I.....	3739
10.18.6 SFP-GE-BX40-D-I.....	3740
10.18.7 SFP-GE-BX40-U-I.....	3741
10.18.8 SFP+10GE-LH10-SM1310.....	3742
10.18.9 SFP-10G-BXD1.....	3743
10.18.10 SFP-10G-BXU1.....	3744
10.18.11 SFP-10G-SR.....	3745
10.18.12 SFP-10G-iLR.....	3746
10.18.13 SFP-10G-iLR-C.....	3747
10.18.14 SFP-10G-LR-I (02313ABG).....	3748
10.18.15 SFP-10G-LR-I (02314LBW).....	3749
10.19 100GE QSFP28 Optical Modules.....	3749
10.19.1 QSFP-100G-CLR4.....	3750
10.19.2 QSFP-100G-CWDM4.....	3750
10.19.3 QSFP-100G-ER4-Lite.....	3751
10.19.4 QSFP-100G-eSR4.....	3752
10.19.5 QSFP28-100G-10KM.....	3753

10.19.6 QSFP28-100G-LR4 (02311KNU).....	3754
10.19.7 QSFP28-100G-PSM4.....	3755
10.19.8 QSFP28-100G-SR4 (02311GBW).....	3756
10.19.9 QSFP-100G-ER4 (02313HLU).....	3757
10.19.10 QSFP-100G-FR1.....	3758
10.19.11 QSFP28-100G-DR.....	3759
10.19.12 QSFP-100G-BIDI-G2.....	3760
10.19.13 QSFP-100G-CWDM4-Lite.....	3761
10.19.14 QSFP-100G-LR1 (02314LBY).....	3762
10.19.15 QSFP-100G-SWDM4 (02314LCB).....	3763
10.20 GPON Optical Modules.....	3764
10.20.1 H87MMA5671A2.....	3764
10.21 Optical Modules Dedicated for Hybrid Cables.....	3765
10.21.1 SFP-10G-iLR-S.....	3765
10.22 GE SFP Hybrid Modules.....	3765
10.22.1 SFP-GE-Hybrid.....	3766
10.23 2.5GE eSFP Hybrid Modules.....	3766
10.23.1 SFP-2.5G-Hybrid-I.....	3767
10.24 10GE SFP+ Hybrid Modules.....	3767
10.24.1 SFP-10G-Hybrid.....	3768
11 Accessories.....	3769
11.1 SSD-240GB (240 GB SSD Card).....	3769
11.2 WLA220W01-20 kA Surge Protector.....	3772
11.3 OADM Combiner and Circulator.....	3775
11.4 HCDF48PDLC00 (48-Port Hybrid Cable Distribution Frame).....	3782
11.5 S5700-48U-NDF.....	3784
11.6 Hybrid Cable Terminal Boxes.....	3788
11.6.1 ES5MFMT00000.....	3788
11.6.2 ES5MFMT00001.....	3793
11.6.3 ES5MFMT00003.....	3799