

S6700 Series Switches Hardware Description (V200)

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- Chassis
- Power Modules
 - ES0W2PSA0150 (150 W AC Power Module)
 - ES0W2PSD0150 (150 W DC Power Module)
 - LS6W2PSD0500 (500 W DC Power Module)
 - W0PSA5000 (500 W AC Power Module)
 - W2PSA0580 (580 W AC PoE Power Module)
 - PDC-650WA-BE (650 W DC PoE Power Module)
 - PAC1000D5412 (1000 W AC PoE Power Module)
 - W2PSA1150 (1150 W AC PoE Power Module)
 - W0PSA1701 (170 W AC Power Module)
 - ES5M0PSD1700 (170 W DC Power Module)
 - PDC260S12-DL (260 W DC Power Module)
 - PAC300S12-CL (300 W AC&240 V DC Power Module)
 - PDC-350WA-B (350 W DC Power Module)
 - PAC-600WA-B (600 W AC Power Module)
 - PAC-600WD-B (600 W AC Power Module)
 - PAC600S12-CB (600 W AC&240 V DC Power Module)
 - PAC600S12-DB (600 W AC&240 V DC Power Module)
 - PAC600S12-EB (600 W AC&240 V DC Power Module)
 - PDC1000S12-DB (1000 W DC Power Module)**
 - RPS1800 Redundant Power Supply (6 DC Output Ports, 12V Total Output Power 140W, 48V Total Output Power 1600W)
 - LS5W2PSA0870 (870 W PoE Power Module, Rectifier 15 A)
- Fan Modules

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PDC1000S12-DB (1000 W DC Power Module)

Overview

Table 5-85 Basic information about the PDC1000S12-DB

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

Appearance

Figure 5-38 Appearance of the PDC1000S12-DB



Version Mapping

Table 5-86 Mappings between PDC1000S12-DB and product models

Product	Product Model	First Supported Version
S6730-H	S6730-H24X6C (02352FSG)	V200R019C00
S6730-H	S6730-H24X6C (02352FSG-001)	V200R020C10
S6730-H	S6730-H24X6C (02352FSG-005)	V200R021C10SPC500
S6730-H	S6730-H24X6C (02352FSG-007)	V200R021C10SPC600
S6730-H	S6730-H24X6C (02353GFC)	V200R019C00
S6730-H	S6730-H24X6C (02353GFC-001)	V200R020C10
S6730-H	S6730-H24X6C (02353GFC-003)	V200R021C10SPC500
S6730-H	S6730-H24X6C (02353GFC-004)	V200R021C10SPC600
S6730-H	S6730-H48X6C (02352FSF)	V200R019C00
S6730-H	S6730-H48X6C (02352FSF-003)	V200R020C10
S6730-H	S6730-H48X6C (02352FSF-007)	V200R021C10SPC500
S6730-H	S6730-H48X6C (02352FSF-009)	V200R021C10SPC600
S6730-H	S6730-H48X6C (02352FSF-011)	V200R022C00

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Digital Signature Authentication Mode

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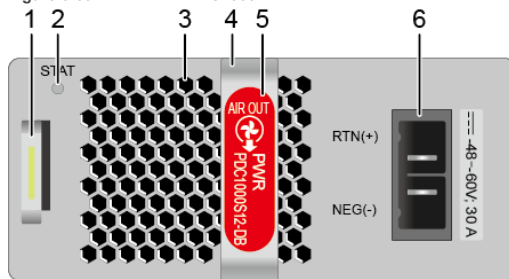
Cables

Pluggable Modules for Interfaces

S6730-H	S6730-H48X6C (02353FWL-003)	V200R020C10
S6730-H	S6730-H48X6C (02353FWL-005)	V200R021C10SPC500
S6730-H	S6730-H48X6C (02353FWL-006)	V200R021C10SPC600
S6730-S	S6730-S24X6Q (02353AJW)	V200R019C00
S6730-S	S6730-S24X6Q (02353AJW-001)	V200R020C10
S6730-S	S6730-S24X6Q (02353AJW-003)	V200R021C10SPC500
S6730-S	S6730-S24X6Q (02353AJW-004)	V200R021C10SPC600
S6730S-S	S6730S-S24X6Q-A (02353AJX)	V200R019C00
S6730S-S	S6730S-S24X6Q-A (02353AJX-001)	V200R020C10
S6730S-S	S6730S-S24X6Q-A (02353AJX-003)	V200R021C10SPC500
S6730S-S	S6730S-S24X6Q-A (02353AJX-004)	V200R021C10SPC600
S6730S-H	S6730S-H24X6C-A (02353HVK)	V200R019C10
S6730S-H	S6730S-H24X6C-A (02353HVK-001)	V200R020C10
S6730S-H	S6730S-H24X6C-A (02353HVK-003)	V200R021C10SPC500
S6730S-H	S6730S-H24X6C-A (02353HVK-004)	V200R021C10SPC600
S6735-S	S6735-S24X6C (98011880)	V200R021C00SPC600
S6735-S	S6735-S48X6C (98011879)	V200R021C00SPC600

Panel

Figure 5-39 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 5-87 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

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Functions and Features

Table 5-88 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 5-89 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

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