

S5700 Series Switches Hardware Description (V200)

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About This Document

Using the Info-Finder

Version Requirements for Components

Chassis

Power Modules

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

LS5M100PWA00/ES0W2PSA0 150 (150 W AC Power Module)

LS5M100PWD00/ES0W2PSD0 150 (150 W DC Power Module)

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

W0PSA2500 (250 W AC PoE Power Module)

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

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

PAC150S12-R (150 W AC Power Module)

W0PSA1701 (170 W AC Power Module)

ES5M0PSD1700 (170 W DC Power Module)

PDC180S12-CR (180 W DC Power Module)

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

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

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

PAC-600WA-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)

PAC600S56-CB (600 W PoE AC&240 V DC Power Module)

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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 |
| 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

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

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

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

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

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

PDC1000S56-CB (1000 W PoE DC Power Module)

PDC1000S12-DB (1000 W DC Power Module)

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

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

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)

Battery Modules

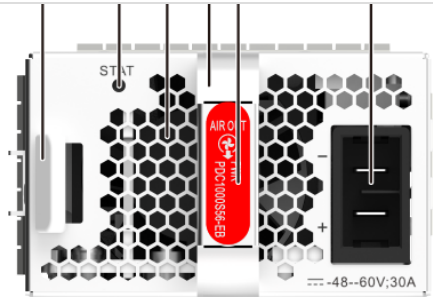
Fan Modules

Cards

Cables

Pluggable Modules for Interfaces

Accessories



| | | | |
|---------------------------|-----------------------------|------------------|-----------|
| 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 |
| | | - | Steady off | <ul style="list-style-type: none"> 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. |
| 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 |

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power module automatically resumes power supply.

Technical Specifications

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

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