

# CloudEngine 9800, 8800, 6800, and 5800 Series Switches Hardware Description (V200R020C00 and later versions)

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This document provides an overall description of the CE5800&6800&8800&9800 series switches hardware that V200R020C00 obtain detailed information about each chassis, power module, fan module, card, cable, and pluggable modules for ports.

Updated: 2022-11-25

About This Document

Using the Info-Finder

Version Requirements for Components

Chassis

Power Module

**150 W AC Power Module (PAC150S12-R)**

180 W DC Power Module (PDC180S12-CR)

350 W DC Power Module (PDC-350WA)

350 W DC Power Module (PDC350S12)

600 W AC Power Module (PAC-600WA)

600 W AC Power Module (PAC-600WD)

600 W AC Power Module (PAC600S12)

600 W AC Power Module (PAC600S12-D)

600 W AC Power Module (PAC600S12-E)

600 W AC&240 V DC Power Module

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

600 W High-Voltage DC

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## 150 W AC Power Module (PAC150S12-R)

### Version Mapping

Table 5-1 describes the mapping between switch models and the PAC150S12-R.

Table 5-1 Version mapping

Switch Model	PAC-150WA
CE5855E-48T4S2Q	Supported in V200R020C10 version and later versions
CE5855F-48T4S2Q	Supported in V200R021C00 and later versions
Other models	Not supported

### Appearance

Figure 5-1 shows the appearance of the PAC150S12-R.

Figure 5-1 PAC150S12-R



## Related

### Documents

CloudEngine 8800, 7800, 6800, and 5800 Series Switches Hardware Description (Versions earlier than V200R020C00)

CloudEngine Series Switches Hardware At-a-Glance

(Video) CloudEngine 8850-HAM & CloudEngine 6860-HAM Product Overview

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- 1200 W AC&240 V DC Power Module (PAC-1K2WA)
  - 1200 W AC&240 V DC Power Module (PAC1K2S12-C)
  - 1200 W Power Module (PAC1K2S12-B)
  - PAC1K2S12-PB (1200W AC&240V DC Power Module (Back to Front,Power panel side exhaust))
  - PAC1K2S12-PF (1200W AC&240V DC Power Module (Front to Back,Power panel side intake))
  - PAC600S12-PB (600W AC Power Module(Back to Front, Power panel side exhaust))
  - PAC600S12-PF (600W AC Power Module(Front to Back, Power panel side intake))
  - 1200 W High-voltage DC Power Module (PHD-1K2WA)
  - 1200 W High-Voltage DC Power Module (PHD1K2S12-DB)
  - 1200 W DC Power Module (PDC-1K2WA)
  - 1200 W DC Power Module (PDC1K2S12-D)
  - PDC1K2S12-PB (1200W DC Power Module (Front to Back ,Power panel side intake))
  - PDC1K2S12-CE (1200W DC Power Module (Back to Front,Power panel side exhaust))
- 
- Fan Module
  - Cards

protection	undervoltage protection	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 supplies 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 limited 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 swap		Supported

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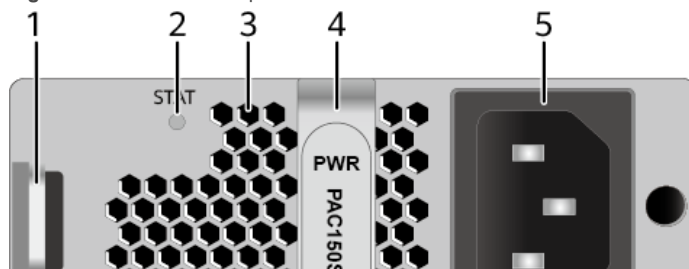
**NOTE**

When a power module enters overtemperature protection state, take measures to lower its temperature. The power module can automatically resume power supply when the temperature falls within the normal range.

**Panel**

Figure 5-2 shows the panel of the PAC150S12-R.

Figure 5-2 PAC150S12-R panel



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**Table 5-3** describes the indicator on the PAC150S12-R panel.

**Table 5-3** Indicator description

Indicator	Color	Description
STATUS: power indicator	Green	<ul style="list-style-type: none"> <li>Off: The power input is abnormal (for example, no input, overvoltage, or undervoltage) or the power output is abnormal (for example, undervoltage or overtemperature).</li> <li>Steady on: The power module is working normally.</li> <li>Blinking: The output power is out of range, for example, overvoltage, overcurrent, or short circuit occurs.</li> </ul>

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## Specifications

**Table 5-4** lists technical specifications of the PAC150S12-R.

**Table 5-4** Technical specifications

Item	PAC150S12-R
Dimensions (H x W x D)	40 mm x 90 mm x 215 mm (1.6 in. x 3.5 in. x 8.5 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
Rated output voltage	12 V
Rated output power	150 W
Part number	02312DUY

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