

H3C GW-CRPS800B

Power Supply Manual

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Environmental protection

This product has been designed to comply with the environmental protection requirements. The storage, use, and disposal of this product must meet the applicable national laws and regulations.

Contents

- 1 About the GW-CRPS800B power supply 1-1
- 2 Key features 2-2
 - Protection 2-2
 - Redundancy 2-2
 - Hot swapping 2-2
 - Tool-free replacement 2-2
- 3 Technical specifications 3-2
- 4 LEDs 4-3
- 5 Installing and removing the power supply 5-3

1 About the GW-CRPS800B power supply

⚠ IMPORTANT:

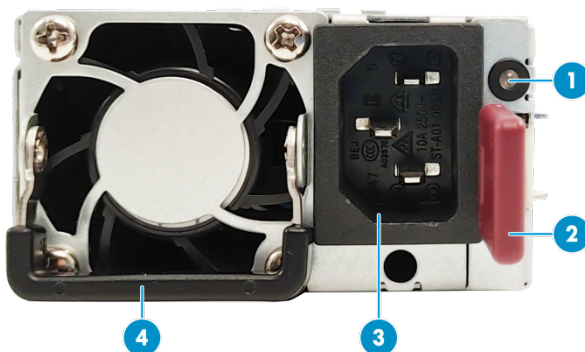
- The information in this document might differ from your product if it contains custom configuration options or features.
- The figures in this document are for illustration only.
- The model name of a hardware option in this document might differ slightly from its model name label. A model name label might add a prefix or suffix to the hardware-coded model name. For example, the GW-CRPS800B power supply model represents power supply labels including GW-CRPS800B-M, which has a different suffix.

The GW-CRPS800B is an AC input or high-voltage DC input and DC output power supply. It provides a maximum rated output of 800 W.

Figure1-1 GW-CRPS800B power supply



Figure1-2 Front panel



(1) LED	(2) Latch
(3) Power receptacle	(4) Handle

2 Key features

Protection

The power supply provides protection against input overcurrent, input undervoltage, output overvoltage, output overcurrent, output short circuit, and overtemperature conditions.

Redundancy

Multiple power supplies can be connected in parallel to achieve N+1 or N+N redundancy and load balancing.

Hot swapping

You can install or remove a power supply when the device is operating.

Tool-free replacement

You can replace a power supply without using tools.

3 Technical specifications

Table3-1 Technical specifications

Item	Specifications
Model	GW-CRPS800B
Rated input voltage range	<ul style="list-style-type: none">100 VAC to 240 VAC @ 800 W192 VDC to 288 VDC (240 HVDC power source) @ 800 W
Maximum rated input current	<ul style="list-style-type: none">10 A @ 100 VAC to 240 VAC5 A @ 240 VDC
Maximum rated output power	800 W
Efficiency at 50 % load	80 Plus Platinum
Temperature	<ul style="list-style-type: none">Operating: 0°C to 55°C (32°F to 131°F)Storage: -40°C to +70°C (-40°F to +158°F)
Operating humidity	5% to 85%
Maximum altitude	5000 m (16404.20 ft)
Redundancy	Yes
Cold backup	Yes

4 LEDs

Table4-1 LED description

LED status	Description
Steady green	The power supply is operating correctly.
Flashing green (1 Hz)	Power is being input correctly but the system is not powered on.
Flashing green (0.33 Hz)	The power supply is in standby state and is not outputting power.
Flashing green (2 Hz)	The power supply is updating its firmware.
Steady amber	<ul style="list-style-type: none">• The power supply is faulty.• The power supply is not receiving power, but the other power supply is receiving power.
Flashing amber (1 Hz)	An alarm has occurred on the power supply.
Off	<p>The power supply is not receiving power. Either or both of the following conditions might exist:</p> <ul style="list-style-type: none">• Power cord connection failure.• Power source shutdown.

5 Installing and removing the power supply

For information about installing and removing the power supply, see the user guide for the device.