

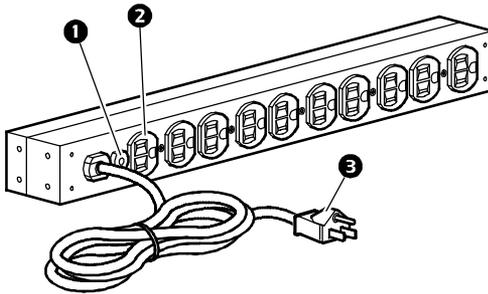


Basic Rack Power Distribution Units —Installation Instructions and Specifications

Overview

1 U, 15 A, 120 V, 5-15 (10) Basic Rack PDU

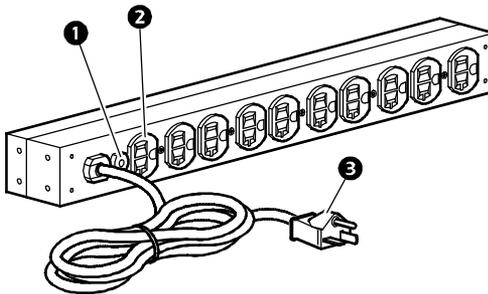
RA5110-515-15A-515



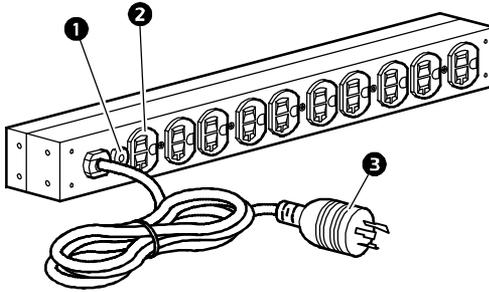
- 1** One 15-amp circuit breaker
- 2** Ten NEMA 5-15 outlets
- 3** 3.66-m (12-ft) NEMA 5-15 power cord

1 U, 20 A, 120 V, 5-20 (10), 5-20P Basic Rack PDU

RA5110-520-20A-520

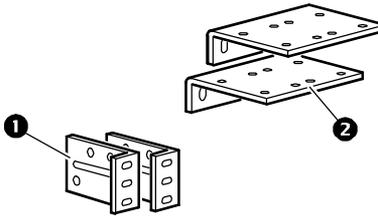


- 1** One 20-amp circuit breaker
- 2** Ten NEMA 5-20 outlets
- 3** 3.66-m (12-ft) NEMA 5-20 power cord



- ❶ One 20-amp circuit breaker
- ❷ Ten NEMA 5-20 outlets
- ❸ 3.66-m (12-ft) NEMA L5-20 power cord

Mounting brackets



- ❶ Brackets for horizontal mounting
- ❷ Brackets for vertical mounting

Note: Each rack PDU packaged with two types of mounting brackets (for horizontal and vertical mounting). Choose your mounting orientation and attach the appropriate brackets to the PDU for installation.

Safety and Grounding

Read the following information before installing or operating your rack power distribution unit (PDU):

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- This PDU is intended for indoor use only.
- Do not install this PDU where excessive moisture or heat is present.
- Never install any wiring, equipment, or PDUs during a lightning storm.
- Plug this PDU into a three-wire, grounded power outlet only. The power outlet must be connected to appropriate branch circuit/mains protection (fuse or circuit breaker). Connection to any other type of power outlet may result in a shock hazard.
- Use only the supplied brackets for mounting, and use only the supplied hardware to attach the mounting brackets.
- Do not use extension cords or adapters with this PDU.
- Do not work alone under hazardous conditions.
- Check that the power cord, plug, and socket are in good condition.
- Disconnect the PDU from the power outlet before you install or connect equipment to reduce the risk of electric shock when you cannot verify grounding. Reconnect the PDU to the power outlet only after you make all connections.
- Use a protective earth connector with equipment. This type of connector carries the leakage current from the load devices (computer equipment). Do not exceed a total leakage current of 3.5 mA.

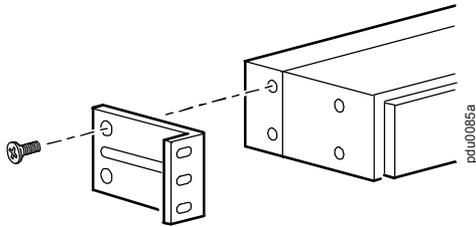
Failure to follow these instructions will result in death or serious injury.

Installation

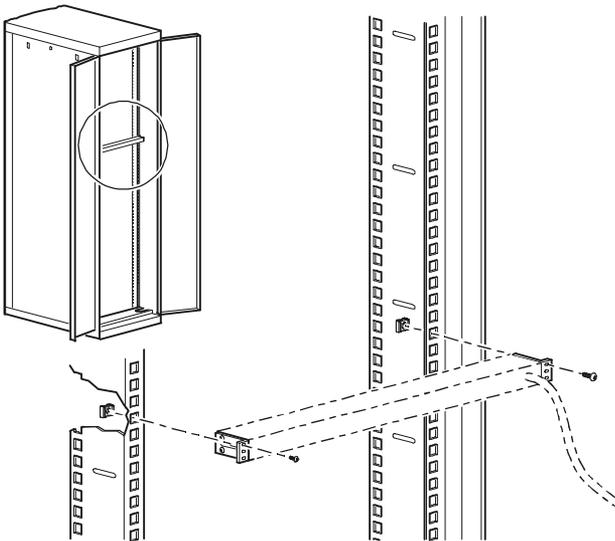
Horizontal mounting (any standard 19-inch EIA/ECA-310 rack or enclosure)

Install the PDU in a NetShelter® or any standard 19-inch EIA/ECA-310 rack or enclosure, using the mounting brackets (provided).

1. Attach the horizontal-mounting brackets to the PDU.



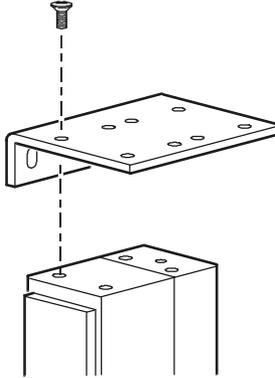
2. Install the PDU using hardware included with your rack or enclosure. The PDU will occupy one U-space.



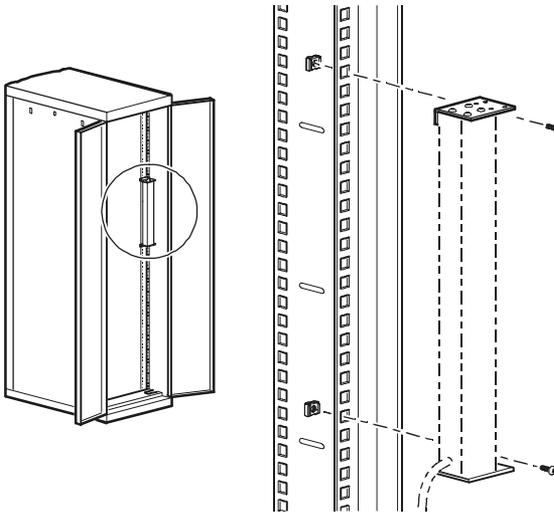
Vertical mounting (any standard EIA-310 rack or enclosure)

Install the PDU in a NetShelter or any standard 19-inch EIA-310 rack or enclosure, using the mounting brackets (provided).

1. Attach the vertical-mounting brackets to the PDU.



2. Install the PDU on a vertical mounting rail in your rack or enclosure.



Specifications

RA5110-520-20A-520

RA5110-515-15A-515

RA5110-520-20A-L520

Electrical			
Input voltage range	100–120 V		
Maximum current draw (UL derated)	12 A	16 A	16 A
Physical			
Size (h×w×d)	44×447×57 mm (1.76×17.60×2.25 in)		
Shipping size (h×w×d)	70×464×229 mm (2.75×18.25×9.00 in)		
Weight	2.50 kg (5.50 lb)		
Environmental			
Elevation (above MSL)	Operating: 0–3000 m (0–10,000 ft) Storage: 0–15 000 m (0–50,000 ft)		
Relative humidity	Operating: 0 to 95%, non-condensing Storage: 0 to 95%, non-condensing		
Temperature	Operating: –5 to 45° C (23 to 113° F) Storage: –25 to 65° C (–13 to 149° F)		
Compliance			
Safety	cULus Listed		