



Metered Rack Power Distribution Unit (AP8888)

Overview

The APC Metered Rack Power Distribution Unit (PDU) distributes power to devices in a rack. The PDU includes sensors that measure the current use of the PDU and each attached device. You can access the PDU through Web, Telnet, SNMP, SSH, or EcoStruxure™ IT Expert interfaces.

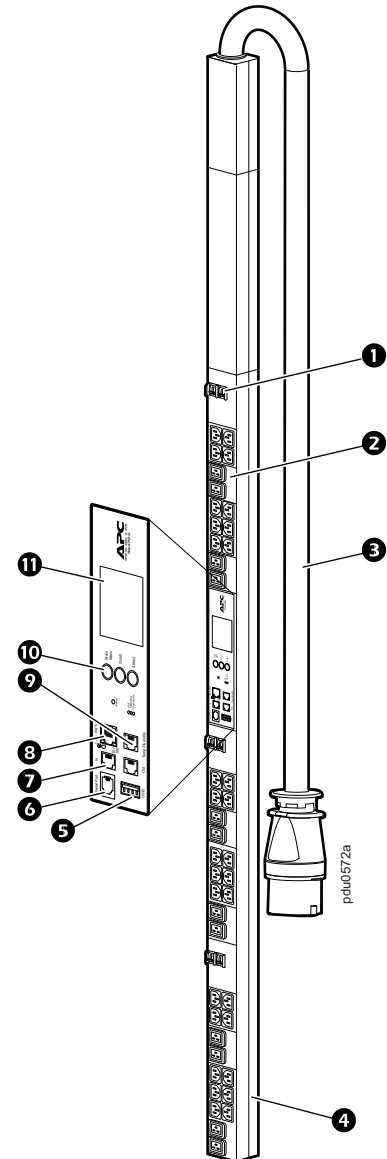
Outlets: The Rack PDU has thirty (30) IEC-320-C13 and twelve (12) IEC-320-C19 locking outlets ❷. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

Overcurrent protection: The Rack PDU has six (6) 20 A, UL489 single-pole breakers ❶.

Display interface: The liquid crystal display (LCD) ❾ and input buttons ❿ allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port ❻, and remote communication through the network port ❸. The USB ❺ port allows for firmware upgrades, and the CAN ❼ ports enable data transfer for future expansion options. The environmental sensor port ⓫ allows for monitoring of the temperature and humidity of the room or enclosure.

Power cord: The 1.82-m (6-ft) power cord ❸ terminates with an 60 A, 5-pin IEC-309 connector.

Toolless mounting: The Rack PDU has two toolless mounting pegs ❹ for 0 U mounting capability in a rack or enclosure.



Specifications

Electrical

Acceptable input voltage	200/346-240/415 VAC +6%, -10%, 3-phase
Maximum input current (phase)	32 A UL (derated)
Input frequency	50/60 Hz
Input connection	60 A, 5-pin IEC-309
Input power	23 kVA UL
Output voltage	200-240 VAC
Maximum output current (outlet)	IEC-320-C13: 12 A; IEC-320-C19: 16 A UL (derated)
Maximum output current (phase)	32 A UL (derated)
Maximum output current (bank)	16 A UL (derated)
Output connections	Thirty (30) IEC-320-C13; twelve (12) IEC-320-C19

Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	182.9 x 5.6 x 5.1 cm (72.0 x 2.2 x 2.0 in)
Power cord length	1.82 m (6 ft)
Shipping dimensions (H x W x D)	215 x 22 x 11.3 cm (84.6 x 8.7 x 4.4 in)
Weight/shipping weight	10.1 kg (22.3 lb)/14 kg (30.9 lb)

Environmental

Maximum elevation (above MSL) Operating/Storage	0–3 000 m (0–10,000 ft) / 0–15 000 m (0–50,000 ft)
Temperature Operating/Storage	–5 to 60 °C (23 to 140 °F) / –25 to 65 °C (–13 to 149 °F)
Humidity Operating/Storage	5–95% RH, non-condensing

Compliance

EMC verification	FCC, ICES
Safety verification	UL, cUL