



Metered Rack Power Distribution Unit (AP8866)

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.

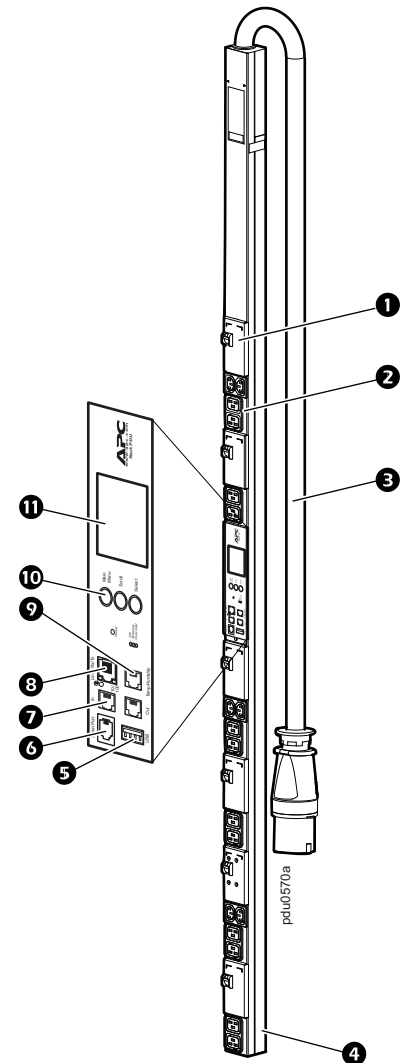
Outlets: The Rack PDU has six (6) IEC-320-C13 and twelve (12) IEC-320-C19 locking outlets **2**. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

Overcurrent protection: The Rack PDU has six (6) 20 A, UL489 double-pole breakers **1**.

Display interface: The liquid crystal display (LCD) **11** and input buttons **10** allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port **6**, and remote communication through the network port **8**. The USB **5** port allows for firmware upgrades, and the CAN **7** ports enable data transfer for future expansion options. The environmental sensor port **9** allows for monitoring of the temperature and humidity of the room or enclosure.

Power cord: The 1.82-m (6-ft) power cord **3** terminates with an 60 A, 4-pin IEC-309 connector.

Toolless mounting: The Rack PDU has two (2) toolless mounting pegs **4** for 0 U mounting capability in a rack or enclosure.



Specifications

Electrical

Acceptable input voltage	200-240 VAC +6%, -10%, 3-phase
Maximum input current	48 A UL (derated)
Input frequency	50/60 Hz
Input connection	60-A, 4-pin IEC-309
Input power	17.3 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)	48 A UL (derated)
Maximum output current (bank)	16 A UL (derated)
Output connections	Six (6) IEC-320-C13 and 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	9.5 kg (20.9 lb)/13.5 kg (29.8 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 Part 15, ICES-003
Safety verification	cULus