



## Rack Power Distribution Unit Metered by Outlet (AP8461)

### Overview

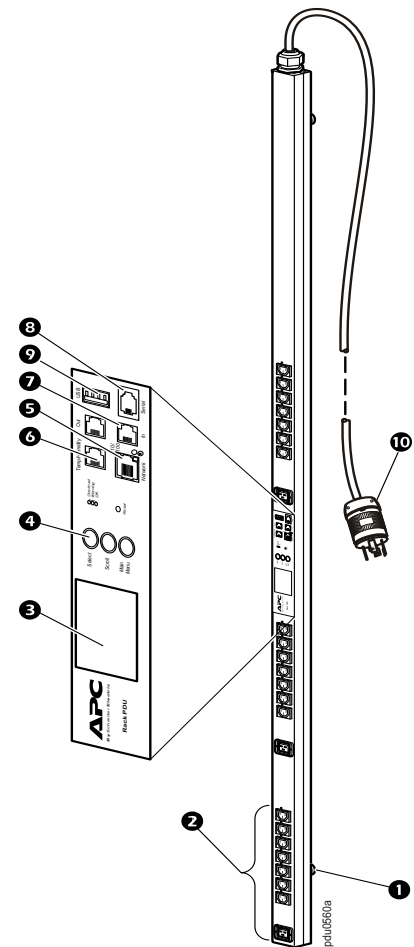
The APC Rack Power Distribution Unit (PDU) distributes power to devices in a rack. The Rack PDU measures the load of the PDU, phases, and each individual outlet. You can access the Rack PDU through Web, Telnet, SNMP, SSH, or EcoStruxure™ interfaces for comprehensive configuration and monitoring functionality. The Network Port Sharing (NPS) feature allows up to four AP8XXX Rack PDUs to be connected together within a rack in order to share one IP address.

**Outlets:** The Rack PDU has twenty-one (21) IEC-320-C13 and three (3) IEC-320-C19 locking outlets **2**. (The locking feature is compatible with Schneider Electric locking input cords and Schneider Electric locking jumper cords.)

**Display interface:** The liquid crystal display (LCD) **3** and input buttons **4** allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port **8**, and remote communication through the network port **5**. The USB port **9** allows for firmware upgrades, and the In/Out **7** ports enable connection of up to four Rack PDUs via the NPS feature. The environmental sensor port **6** allows for monitoring of the temperature and humidity of the room or enclosure.

**Power cord:** The 6-ft (1.83-m) power cord terminates with a 3-phase + N, 20 A, NEMA L21-20P connector **10**.

**Toolless mounting:** The Rack PDU has two toolless mounting pegs **1** for 0 U mounting capability in a rack or enclosure.



## Specifications

### Electrical

Acceptable input voltage	120/208 VAC 3W+N+PE
Maximum input current (phase)	16A
Input frequency	50/60 Hz
Input connection	20 A, NEMA L21-20P
Input power	5.8 kVA
Output voltage	208 VAC (line-to-line)
Maximum output current (outlet)	IEC-320-C13: 12 A; IEC-320-C19: 16 A
Maximum output current (phase)	16 A
Output connections	Twenty-one (21) IEC-320-C13; three (3) IEC-320-C19

### Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	72.0 x 2.2 x 2.0 in (182.9 x 5.6 x 5.1cm)
Power cord length	6 ft (1.83 m)
Shipping dimensions (H x W x D)	80.25 x 6.38 x 4.62 in (203.8 x 16.2 x 11.7 cm)
Weight/shipping weight	18.1 lb (8.23 kg)/23.1 lb (10.5kg)

### Environmental

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

### Compliance

EMC verification	FCC Part 15, ICES-003
Safety verification	cULus