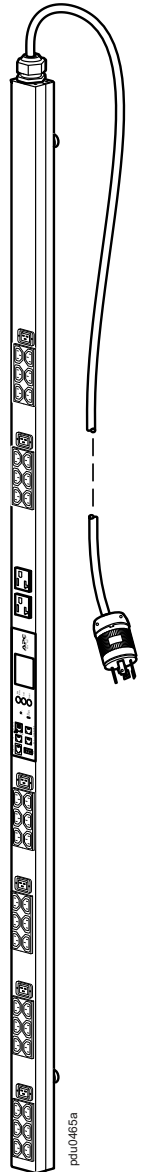




## Metered Rack Power Distribution Unit AP8861, AP8861US

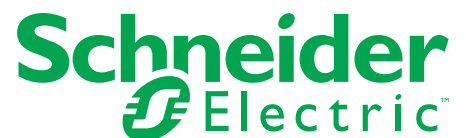


APC  
70 Mechanic Street  
02035 Foxboro, MA  
USA

[www.apc.com](http://www.apc.com)

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

© 2023 Schneider Electric. APC, the APC logo, and EcoStruxure are trademarks of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owners.



## Overview

The APC Metered Rack Power Distribution Unit (PDU) distributes power to devices in the rack. It has a sensor that measures the current that it and its attached devices use. It can be monitored through Web, Telnet, SNMP, SSH, or EcoStruxure™ IT Expert interfaces.

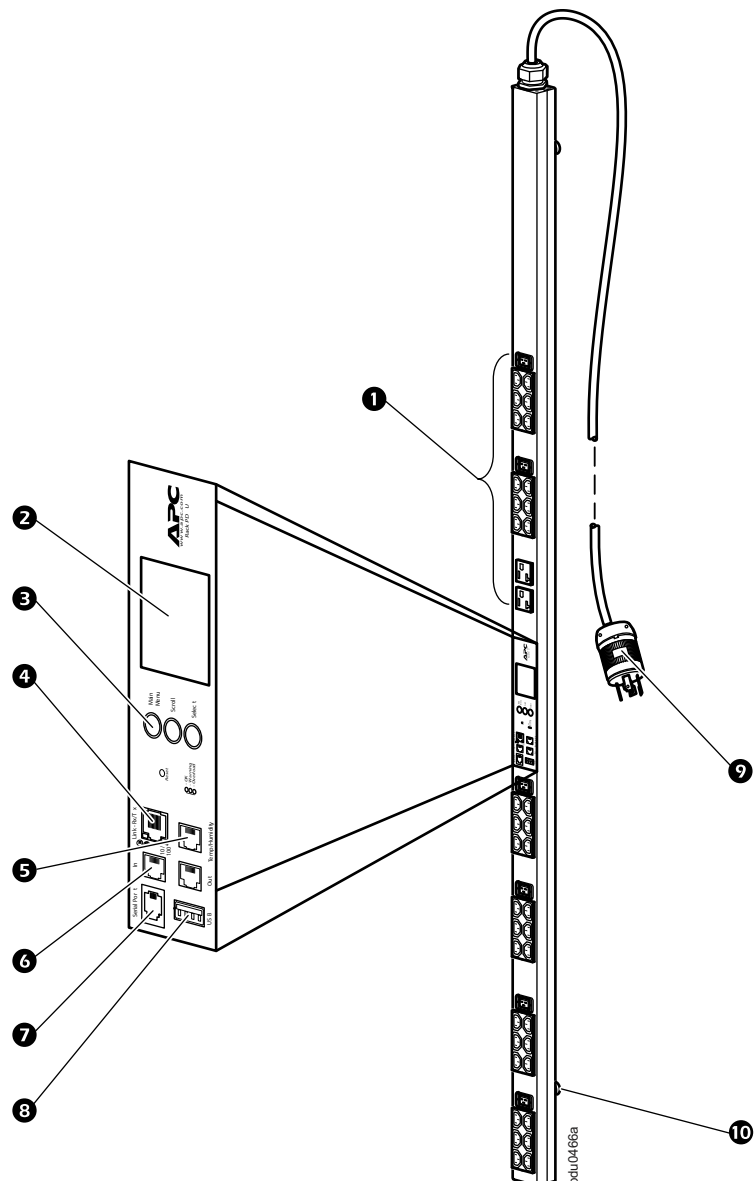
**Outlets:** The Rack PDU has thirty-six (36) IEC-320-C13 locking outlets, six (6) IEC-320-C19 locking outlets, and two (2) NEMA 5-20R non-locking outlets **1**. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

**Display interface:** The liquid crystal display (LCD) **2** and input buttons **3** allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port **7**, and remote communication through the network port **4**. The USB **8** and CAN **6** ports enable data transfer and communication for future expansion options. The environmental sensor port **5** allows for monitoring of the temperature and humidity of the room or enclosure.

**Power cord:** The 2-m (6.0-ft) power cord terminates with a NEMA L21-20P connector **9**.

### Toolless mounting:

The Rack PDU has two toolless mounting pegs **10** for 0 U mounting capability in a rack or enclosure.



## Specifications

### AP8861

### AP8861US

#### Electrical

Acceptable input voltage	120/208 VAC $\pm$ 10%, 3-phase
Maximum input current (phase)	16 A UL
Input frequency	50/60 Hz
Input connection	NEMA L21-20P
Input power	5.8 kVA UL
Output voltage	208 VAC (Line-to-Line), 120 VAC (Line-to-Neutral)
Maximum output current (outlet)	IEC-320-C13: 12 A UL IEC-320-C19: 16 A UL NEMA 5-20R: 16 A UL
Maximum output current (phase)	16 A UL
Output connections	Thirty-six (36) IEC-320-C13; six (6) IEC-320-C19; two (2) NEMA 5-20R

#### Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	177.8 x 5.6 x 4.4 cm (70.5 x 2.2 x 1.7 in)
Power cord length	2 m (6.0 ft)
Shipping dimensions (H x W x D)	192.4 x 16.2 x 10.7 cm (75.8 x 6.4 x 4.2 in)
Weight/shipping weight	6.1 kg (13.5 lb) / 8.0 kg (17.7 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	
TAA compliant	No	Yes