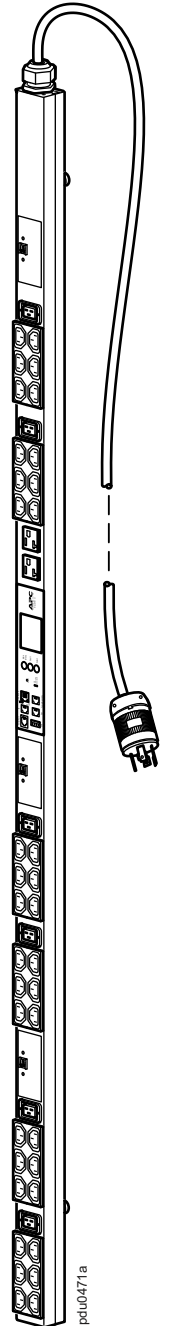




Metered Rack Power Distribution Unit (AP8865)

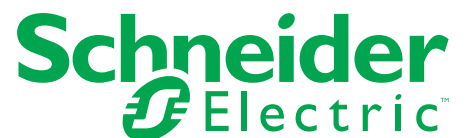


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As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

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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 interfaces.

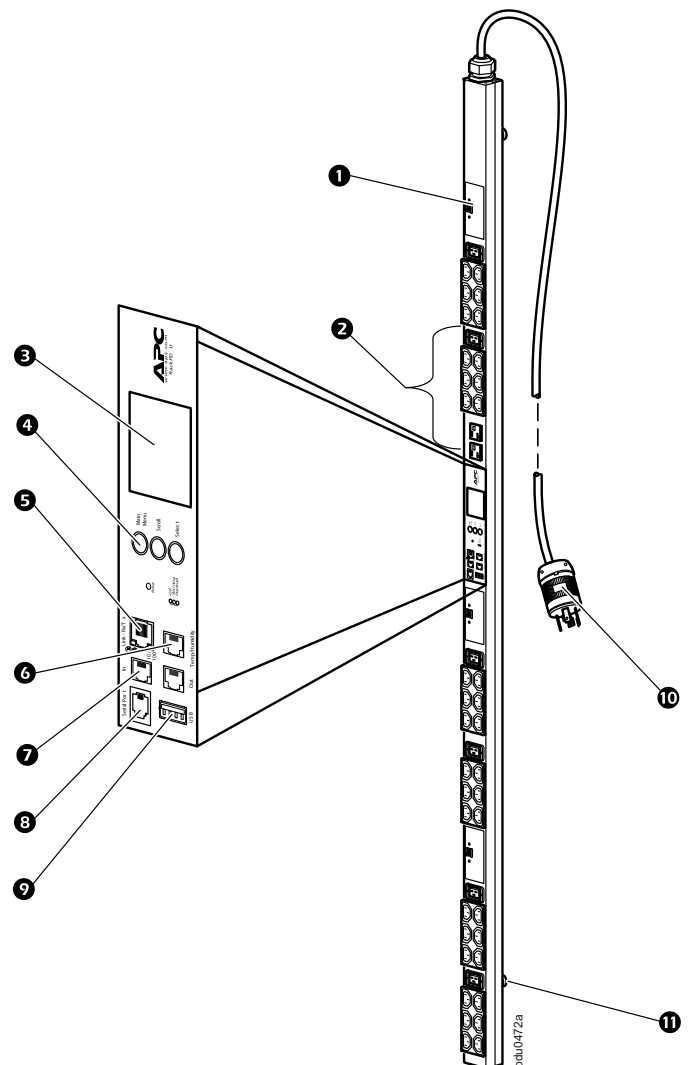
Outlets : The Rack PDU has thirty-six (36) IEC-320-C13 locking outlets, six (6) IEC-320-C19 locking outlets, and two (2) NEMA 5-20P non-locking outlets **2**. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

Overcurrent protection: The Rack PDU has three (3) 20 A, 2-pole hydraulic-magnetic circuit breakers **1**.

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 **9** port allows for firmware upgrades, and the CAN **7** ports enable data transfer for future expansion options. The environmental sensor port **6** 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 L21-30P connector **10**.

Toolless mounting : The Rack PDU has two (2) toolless mounting pegs **11** for 0 U mounting capability in a rack or enclosure.



Specifications

Electrical

| | |
|---------------------------------|---|
| Acceptable input voltage | 120/208 VAC \pm 10%, 3-phase |
| Maximum input current (phase) | 24 A UL |
| Input frequency | 50/60 Hz |
| Input connection | NEMA L21-30P |
| Input power | 8.6 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) | 24 A UL |
| Maximum output current (bank) | 16 A UL |
| Output connections | Thirty-six (36) IEC-320-C13; six (6) IEC-320-C19; two (2) NEMA 5-20R |
| Overload protection (internal) | Three (3) 20 A, 2-pole hydraulic-magnetic circuit breakers |

Physical

| | |
|--|--|
| Dimensions (H x W x D) (depth does not include toolless pegs) | 182.9 x 5.6 x 4.6 cm (72.0 x 2.2 x 1.8 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 | 7.3 kg (16.2 lb) / 9.3 kg (20.4 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 |