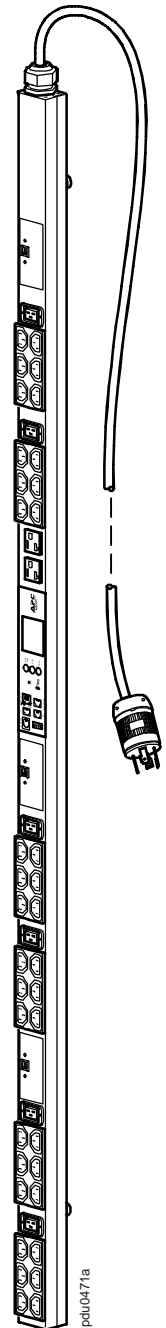




by Schneider Electric

Metered Rack Power Distribution Unit (AP8865)

Overview and Specifications



Overview

The APC by Schneider Electric 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 InfraStruXure® Central interfaces.

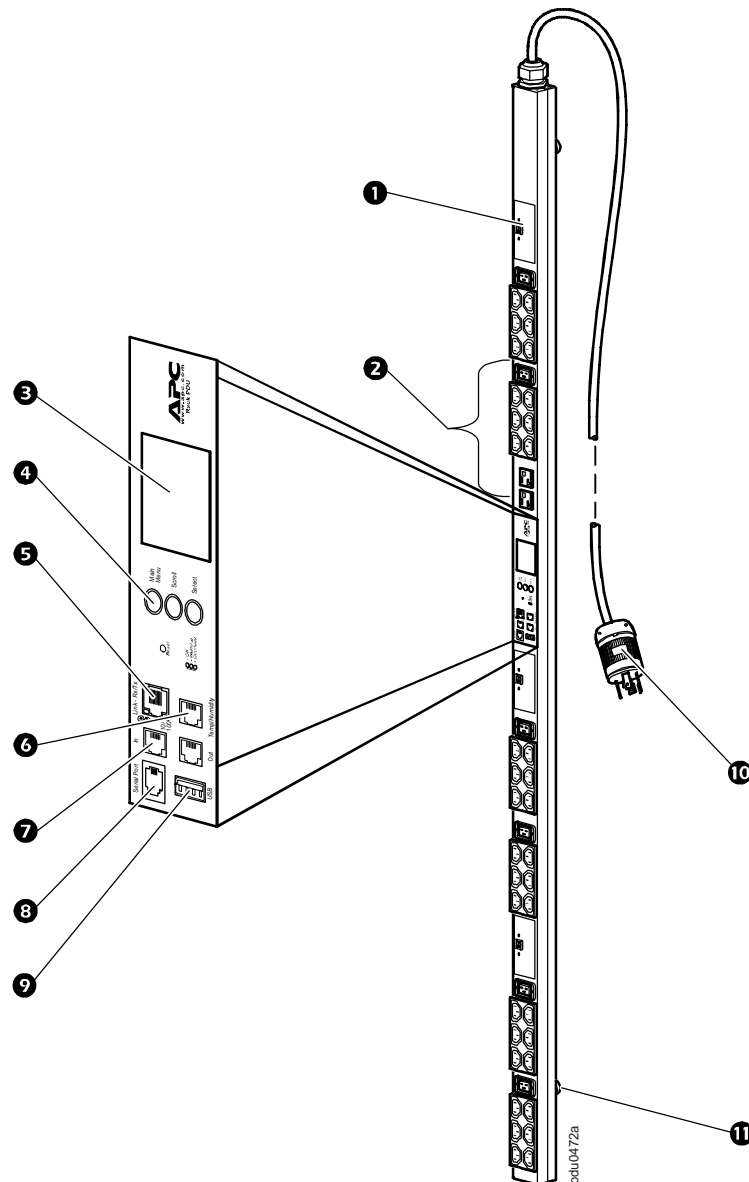
Outlets. The Rack PDU has thirty-six (36) IEC-320-C13 locking outlets, six (6) IEC-320-C19 locking outlets, and two (2) NEMA 5-20P non-locking outlets **2**. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

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** and 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 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 45°C (23 to 115°F) / –25 to 65°C (–13 to 149°F)
Humidity Operating/Storage	5–95% RH, non-condensing

Compliance

EMC verification	FCC Part 15 Class A, ICES-003 Class A
Safety verification	UL



Customer support and warranty information is available at the APC Web site, www.apc.com.

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