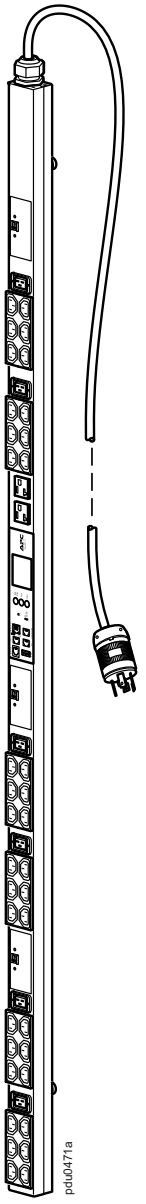
Metered Rack Power Distribution Unit
AP8865, AP8865US



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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.

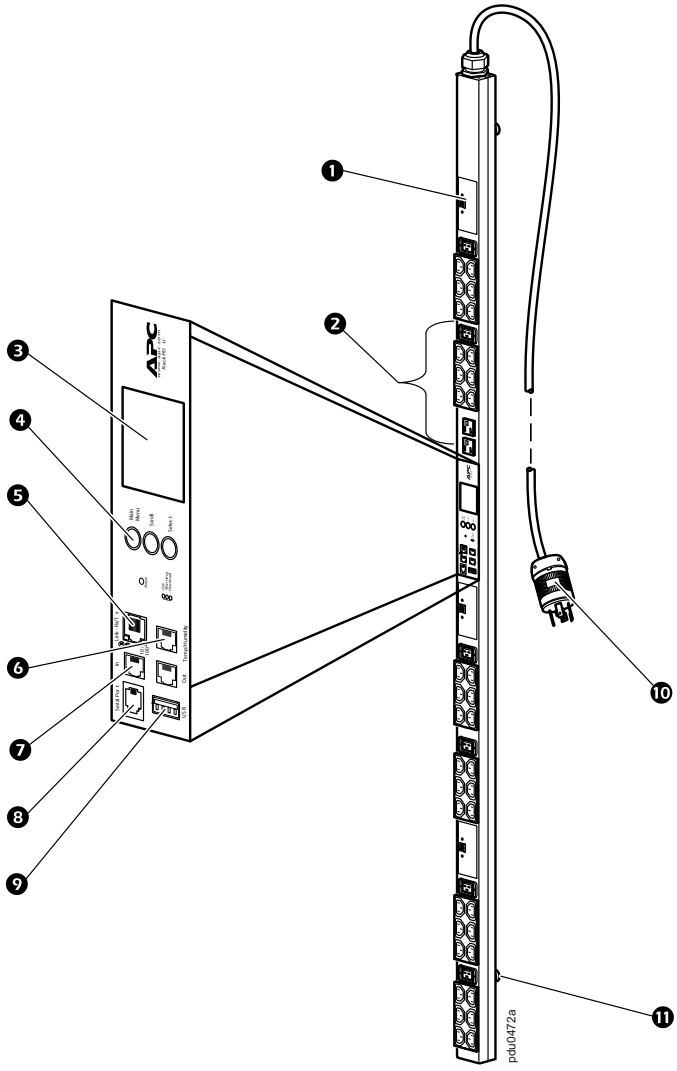
Outlets : The Rack PDU has thirty-six (36) IEC-320-C13 locking outlets, six (6) IEC-320-C19 locking outlets, and two (2) NEMA 5-20P non-locking outlets ❷. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

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

Display interface: The liquid crystal display (LCD) ❸ and input buttons ❹ allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port ❽, and remote communication through the network port ❺. The USB ❾ port allows for firmware upgrades, and the CAN ❼ ports enable data transfer for future expansion options. The environmental sensor port ❻ 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 ❿.

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



Specifications

	AP8865	AP8865US
Electrical		
Acceptable input voltage	120/208 VAC ± 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	
TAA compliant	No	Yes