

Metered Rack PDU

Overview

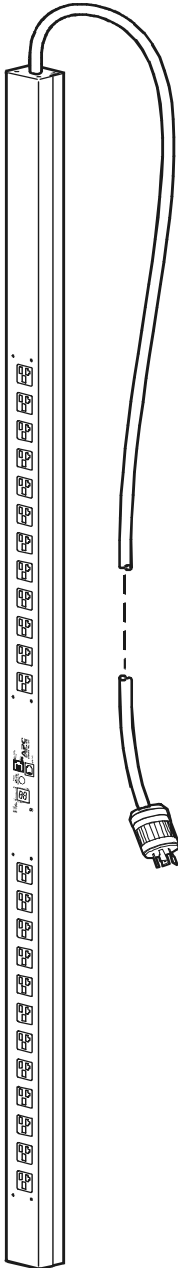
The American Power Conversion (APC[®]) Metered Rack Power Distribution Unit (PDU) distributes power to devices in the rack. It has a sensor that measures the current used by the PDU and its attached devices. The PDU can be monitored through Web, Telnet, SNMP, SSH, or InfraStruXure[™] Manager interfaces.

Outlets. The Rack PDU has twenty-four (24) NEMA 5-20 outlets.

Digital display. A digital display shows the aggregate current used by the Rack PDU.

Power cord. The 10-foot (3.05-meter) power cord terminates with a NEMA L5-20 connector.

AP7830



Specifications for AP7830

Electrical

Input connector	NEMA L5-20 plug
Output connectors	(24) NEMA 5-20 outlets
Nominal input voltage	120 VAC
Acceptable input voltage	± 10% of nominal voltage
Input frequency	47–63 Hz

Physical

Dimensions (H × W × D)	63.75 × 2.19 × 1.73 in (161.92 × 5.56 × 4.39 cm)
Shipping dimensions (H × W × D)	84.00 × 6.00 × 5.00 in (213.36 × 15.24 × 12.7 cm)
Weight	9.5 lb (4.3 kg)
Shipping weight	17 lb (7.7 kg)

Environmental

Maximum elevation (above MSL)	
Operating	15,000 ft (4500 m)
Storage	50,000 ft (15 000 m)
Temperature	
Operating	–5 to 45° C (23 to 115° F)
Storage	–25 to 65° C (–13 to 149° F)
Humidity	
Operating	5–95% RH non-condensing
Storage	5–95% RH non-condensing

Compliance

EMC verification	FCC Part 15 Class A ICES-003 Class A
Safety verification	UL 60950 cUL CSA22.2 No. 60950

