

Metered Rack PDU

Overview

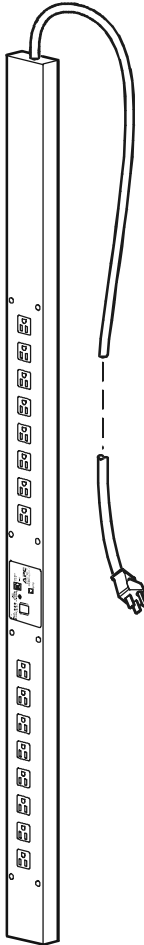
The American Power Conversion[®] Metered Rack PDU distributes power to devices in the rack. It has a sensor that measures the current used by the PDU and its attached devices. The PDU can be monitored through Web, Telnet, SNMP, SSH, or InfraStruXure[™] Manager interfaces.

Outlets. The Rack PDU has sixteen (16) NEMA 5-15 outlets.

Display interface. 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 5-15 connector.

AP7831



Specifications for AP7831

Electrical

Input connector	NEMA 5-15 plug
Output connectors	(16) NEMA 5-15 outlets
Nominal input voltage	100 – 120 VAC
Acceptable input voltage	± 10% of nominal voltage
Input frequency	47–63 Hz

Physical

Dimensions (H × W × D)	49.00 × 2.20 × 1.75 in (126.46 × 5.59 × 4.45 cm)
Shipping dimensions (H × W × D)	84.00 × 6.00 × 5.00 in (213.36 × 15.24 × 12.7 cm)
Weight	6.75 lb (3.06 kg)
Shipping weight	8.75 lb (3.97 kg)

Environmental

Maximum elevation (above MSL)	
Operating	10,000 ft (3000 m)
Storage	50,000 ft (15 000 m)
Temperature	
Operating	23 to 113° F (–5 to 45° C)
Storage	–13 to 149° F (–25 to 65° C)
Humidity	
Operating	5–95% RH Non-condensing
Storage	5–95% RH Non-condensing

Compliance

EMC verification	VCCI, FCC Part 15 Class A ICES-003
Safety verification	UL/cUL 60950 Listed METI-DENAN

