

Switched Rack Power Distribution Unit (AP8966)

Overview and Specifications

Overview

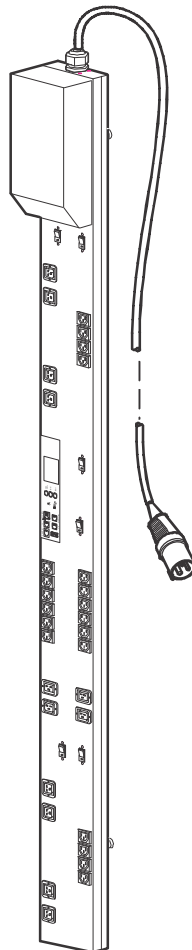
The Schneider Electric Rack Power Distribution Unit (PDU) enables advanced, user-customizable power control and active monitoring. Remote outlet level controls allow power on/off functionality for power recycling to remotely reboot equipment and restrict unauthorized use of individual outlets. Power sequencing delays allow users to define the order in which to power up or down attached equipment. Avoid circuit overload during power recovery and extend uptime of critical equipment by prioritizing the load shedding. Current metering provides real-time remote monitoring of connected loads. User-defined alarms warn of potential circuit overloads before critical IT failures occur. Users can access, configure, and control Switched Rack PDUs through secure Web, Telnet, SNMP, SSH, or StruxureWare[®] interfaces.

Outlets. The Rack PDU has twenty (20) C-13 and twelve (12) C-19 outlets.

Display interface. The liquid crystal display (LCD) and input buttons allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port, and remote communication through the network port. The USB and Communication ports enable data transfer for future expansion options. The environmental sensor port allows for monitoring of the temperature and humidity of the room or enclosure.

Power cord. The 2.0 m (6 ft) power cord terminates with an IEC 309 60 A connector.

Toolless mounting. The Rack PDU has two toolless mounting pegs for 0U mounting capability in a rack or enclosure.



Specifications

AP8966

Electrical

Acceptable input voltage	208 VAC 10%, 3-phase
Maximum input current (phase)	48A (UL)
Input frequency	50/60 Hz
Input connection	IEC 309 60 A 3P & E
Input power	17.3 KVA (UL)
Output voltage	208 VAC (Line-to Line)
Maximum output current (outlet)	IEC-320-C13: 12 A UL EC-320-C19: 16 A UL
Maximum output current (phase)	48 A UL
Maximum input current (bank)	N/A
Output connections	Twenty (20) C-13; Twelve (12) C-19
Overload protection (internal)	N/A

Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	183.5 x 10.9 x 5 cm (72.25 x 4.3 x 2.0 in) 183.5 x 10.9 x 13.3 cm (72.25 x 4.3 x 5.25 in) - includes breaker box
Power cord length	2 m (6 ft)
Shipping dimensions (H x W x D)	200.0 x 16.5 x 16.5 cm (78.8x 6.5 x 6.5 in)
Weight/shipping weight	16.3 kg (36 lb) / 19.5 kg (43.0 lb)

Environmental

Maximum elevation (above MSL) Operating/Storage	0–3048 m (0–10,000 ft) / 0–15240 m (0–50,000 ft)
Temperature Operating/Storage	–5 to 45°C (23 to 113°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, CISPR 22, ICES-003 Class A
Safety verification	UL

Customer support and warranty information is available at www.schneider-electric.com.