by Schneider Electric

# Metered Rack Power Distribution Unit (AP8886)

# Overview and Specifications

## Overview

The APC by Schneider Electric Metered Rack Power Distribution Unit (PDU) distributes power to devices in a rack. The PDU includes sensors that measure the current use of the PDU and each attached device. You can access the PDU through Web, Telnet, SNMP, SSH, or InfraStruxure® Central interfaces.

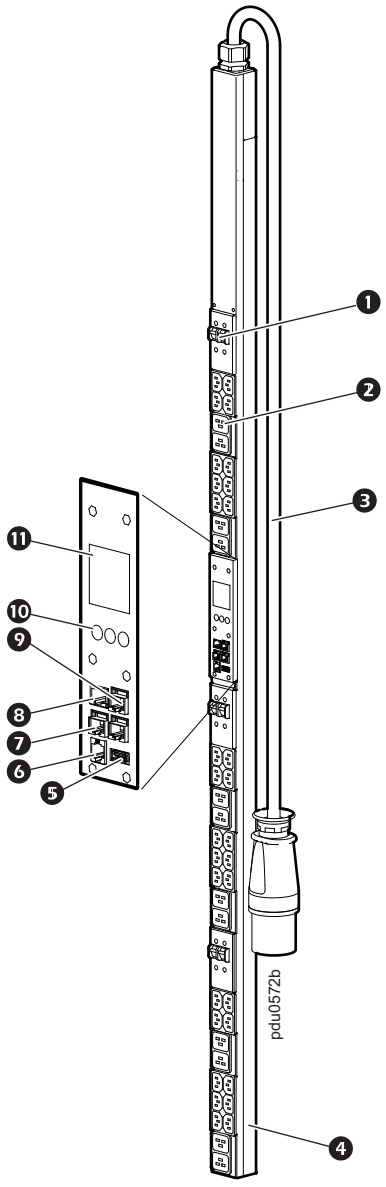
**Outlets.** The Rack PDU has thirty (30) IEC-320-C13 and twelve (12) IEC-320-C19 locking outlets ❷. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

**Overcurrent protection.** The Rack PDU has six (6) 16 A, UL489 VDE single-pole breakers ❶.

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

**Power cord.** The 1.82-m (6-ft) power cord ❸ terminates with a 32 A, 5-pin IEC-309 3P +N +G connector.

**Toolless mounting.** The Rack PDU has two rear-mounted toolless mounting pegs ❹ for 0 U mounting capability in a rack or enclosure.



## Specifications

### Electrical

| | |
|---|---|
| Acceptable input voltage | 200/346–240/415 VAC +6%, -10%, 3-phase |
| Maximum input current (phase) | 32 A VDE |
| Input frequency | 50/60 Hz |
| Input connection | 32 A, 5-pin IEC-309 3P +N +G |
| Input power | 22.1 kVA VDE |
| Output voltage | 200-240 VAC |
| Maximum output current (outlet) | IEC-320-C13: 10 A; IEC-320-C19: 16 A VDE |
| Maximum output current (phase) | 32 A VDE |
| Maximum output current (bank) | 16 A |
| Output connections | Thirty (30) IEC-320-C13; twelve (12) IEC-320-C19 |

### Physical

| | |
|---|---|
| Dimensions (H x W x D)<br>(depth does not include toolless pegs) | 182.9 x 5.6 x 5.1 cm (72.0 x 2.2 x 2.0 in) |
| Power cord length | 1.8 m (6 ft) |
| Shipping dimensions<br>(H x W x D) | 205 x 17 x 11.3 cm (80.7 x 6.7 x 4.4 in) |
| Weight/shipping weight | 8.72 kg (19.2 lb)/11.5 kg (25.4 lb) VDE cord |

### Environmental

| | |
|---|---|
| Maximum elevation (above MSL)<br>Operating/Storage | 0–3 000 m (0–10,000 ft) / 0–15 000 m (0–50,000 ft) |
| Temperature<br>Operating/Storage | –5 to 50° C (23 to 122° F) / –25 to 65° C (–13 to 149° F) |
| Humidity<br>Operating/Storage | 5–95% RH, non-condensing |

### Compliance

| | |
|---|---|
| EMC verification | FCC Part 15 Class A, ICES-003 Class A, VCCI-A,<br>EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3 |
| Safety verification | VDE |

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

© 2012 APC by Schneider Electric. APC and the APC logo are owned by Schneider Electric Industries S.A.S., American Power Conversion Corporation, or their affiliated companies. All other trademarks are property of their respective owners.

**990-4391A-001**
**4/2012**