



Rack Power Distribution

Worldwide

APC[™]

by Schneider Electric



Introduction

APC™ by Schneider Electric™ offers a wide array of standardized Rack Power Distribution Units (PDUs) designed to increase manageability and efficiency in your data center.

Basic Rack PDUs

- reliable power distribution

Metered Rack PDUs

- real-time remote monitoring of connected loads
- user-defined alarms warn IT and data center managers of potential circuit overloads to prevent accidental power loss to critical equipment

Switched Rack PDUs

- metered functionality
- individual outlet control to power cycle outlets
- manage on-off equipment sequencing

Metered by Outlet Rack PDUs

- provide greater power management
- individual outlet-level power metering
- user-resettable energy (kWh) logs for capacity planning and energy efficiency initiatives

AP8000 Series Rack PDUs

The AP8000 Series Rack PDU platform will help IT and facilities managers more effectively manage power capacity and functionality for critical network, server, and data center equipment. These Rack PDUs solve rack-level power needs while incorporating intelligent features such as real power measurement and environmental monitoring, all in a space-efficient, zero-U form factor. AP8000 Series Rack PDUs include active power metering and remote alarming with volts, amps, real power (kW), and energy (kWh) measurements.

Access the latest electronic version of this brochure at: www.apc.com/wp?br=4

Rack PDU Product Feature by Family/Series

| | Basic | Metered | | Switched | | Metered by Outlet with Switching |
|--|------------------------|---------------|---------------|---------------|---------------|----------------------------------|
| | AP7500 and 9500 Series | AP7800 Series | AP8800 Series | AP7900 Series | AP8900 Series | AP8600 Series |
| Design Features | | | | | | |
| Ultra-low-profile, space-saving design | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Hydraulic-magnetic circuit breakers (in units configured with circuit breakers) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Ultra-low-profile circuit breakers (for units with breakers) | | | ✓ | | ✓* | |
| Locking IEC receptacles and locking power cord compatible | | | ✓ | | ✓ | ✓ |
| Environmental monitoring port for external temperature/humidity monitoring | | | ✓ | | ✓ | ✓ |
| Display and Network Management | | | | | | |
| Full featured network management capability via Web, SNMP, Telnet | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Two digit, 7-segment LED display | | ✓ | | ✓ | | |
| User-interactive LCD display for local access | | | ✓ | | ✓ | ✓ |
| Network Port Sharing (Up to four rack PDUs share one IP address in one enclosure) | | | ✓ | | ✓ | ✓ |
| Local USB port for easy local firmware updates | | | ✓ | | ✓ | ✓ |
| Metering Capability | | | | | | |
| Active current measurements (amps) | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Active power measurements (Including volts, amps, real power (kW), and energy (kWh)) | | | ✓ | | ✓ | ✓ |
| User customizable alarms and warnings | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Embedded log memory to record/review/report historic metered data | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Individual outlet power metering | | | | | | ✓ |
| Outlet Control | | | | | | |
| Individual outlet remote power on/off control | | | | ✓ | ✓ | ✓ |
| Power-on sequencing and time delays with full user customization | | | | ✓ | ✓ | ✓ |
| Outlet level grouping (multiple outlets in same or multiple units follow single command) | | | | ✓ | ✓ | ✓ |
| User access control with assignable roles, access levels at device and outlet level | | | | ✓ | ✓ | ✓ |
| Maintenance and Upgradeability | | | | | | |
| Redundant internal power supply for improved Switched Rack PDU reliability | | | | ✓ | ✓ | ✓ |
| Field-replaceable network management module | | | ✓ | | ✓ | ✓ |

*Not applicable on AP8965.

Basic Rack PDUs

APC Basic Rack PDUs provide reliable power distribution via a single input with multiple output receptacles and distributes power from low-amperage, single-phase circuits to higher-power, three-phase solutions.



| Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | Output Receptacles | Cord Length | APC SKU |
|-------------------|------------------|-----------------|---------------------|---------------|---------------|-----------------|--------------------|-------------|---------|
| 100 – 120 V Input | Vertical, 0U | 100 – 120 | NAM, LAM | 15 A | 1.4 kW | NEMA 5-15P | (14) 5-15 | 3.6 m | AP9567 |
| | Vertical, 0U | 120 | NAM | 20 A | 1.9 kW | NEMA L5-20P | (24) 5-20 | 3.0 m | AP7530 |
| | Vertical, 0U | 100 – 120 | NAM | 20 A | 1.9 kW | NEMA L5-20P | (14) 5-15 | 3.6 m | AP9551 |
| | Vertical, 0U | 100 – 120 | Japan | 20 A | 2.0 kW | NEMA L5-20P | (24) 5-15 | 3.0 m | AP7530J |
| | Vertical, 0U | 120 | NAM | 30 A | 2.9 kW | NEMA L5-30P | (24) 5-20 | 3.0 m | AP7532 |
| | Vertical, 0U | 100 | Japan | 30 A | 3.0 kW | NEMA L5-30P | (24) 5-15 | 3.0 m | AP7532J |
| | Horizontal, 1U | 100 – 120 | NAM, LAM | 15 A | 1.4 kW | NEMA 5-15P | (10) 5-15 | 3.6 m | AP9562 |
| | Horizontal, 1U | 100 – 120 | NAM | 20 A | 1.9 kW | NEMA 5-20P | (10) 5-20 | 3.6 m | AP9563 |
| | Horizontal, 1U | 100 – 120 | NAM | 20 A | 1.9 kW | NEMA L5-20P | (10) 5-20 | 3.6 m | AP9564 |
| | Horizontal, 1U | 100 – 120 | NAM | 30 A | 2.9 kW | NEMA L5-30P | (10) 5-20 | 3.6 m | AP9560 |
| 200 – 240 V Input | Vertical, 0U | 120 – 240 | Worldwide | 10 A | 2.3 kW | IEC C14 | (15) C13 | 2 m | AP9568 |
| | Vertical, 0U | 120 – 230 | Worldwide | 16 A | 3.3 kW | IEC 320 C20 | (15) C13 | 2.5 m | AP9572 |
| | Vertical, 0U | 200 – 240 | NAM | 20 A | 3.3 kW | NEMA L6-20P | (20) C13 (4) C19 | 3.0 m | AP7540 |
| | Vertical, 0U | 230 | EMEA, APJ, LAM, GCN | 16 A | 3.7 kW | IEC 309 16 A | (20) C13 (4) C19 | 1.0 m | AP7551 |
| | Vertical, 0U | 230 | EMEA, APJ, LAM, GCN | 16 A | 3.7 kW | IEC 309 16 A | (20) C13 (4) C19 | 3.0 m | AP7554 |
| | Vertical, 0U | 230 | Worldwide | 16 A | 3.7 kW | IEC C20 | (20) C13 (4) C19 | 3.0 m | AP7552 |
| | Vertical, 0U | 200 – 240 | NAM | 30A | 5.0 kW | NEMA L6-30P | (20) C13 (4) C19 | 3.0 m | AP7541 |
| | Vertical, 0U | 230 | EMEA, APJ, LAM, GCN | 32 A | 7.4 kW | IEC 309 32 A | (20) C13 (4) C19 | 3.0 m | AP7553 |
| | Horizontal, 1U | 208 | NAM, LAM | 20 A | 3.3 kW | NEMA L6-20P | (12) C13 | 3.6 m | AP9566 |
| | Horizontal, 1U | 120 – 240 | Worldwide | 16 A | 3.7 kW | IEC C20 | (10) C13 (2) C19 | 2.5 m | AP9559 |
| | Horizontal, 1U | 100 – 240 | Worldwide | 16 A | 3.7 kW | IEC C20 | (12) C13 | 2.5 m | AP9565 |
| | Horizontal, 1U | 208 | NAM | 30 A | 5.0 kW | NEMA L6-30P | (4) C19 | 3.0 m | AP9570 |
| | Horizontal, 1U | 200 – 240 | NAM, LAM | 30 A | 5.0 kW | NEMA L6-30P | (10) C13 | 3.6 m | AP9571A |
| | Horizontal, 2U | 230 | EMEA, APJ, LAM, GCN | 32 A | 7.4 kW | Hardwire | (4) C19 | 8.5 m | AP7585 |
| | Horizontal, 2U | 230 | EMEA, APJ, LAM, GCN | 32 A | 7.4 kW | Hardwire | (4) IEC 309 32A | 8.5 m | AP7586 |

Rack PDU Mounting Styles

> Horizontal 1/2U mounting



> Vertical 0U mounting with toolless mounting



> Space-saving 0U mounting options (AR7711)



Basic Rack PDUs Continued...

| | Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | Output Receptacles | Cord Length | APC SKU |
|-------------------------------|----------------|------------------|---------------------|--------------------|---------------|----------------------|-------------------|--------------------------------|-------------|---------|
| 208 V Three-phase input | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.8 kW | NEMA L21-20P | | (42) 5-20 | 1.0 m | AP7562 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.8 kW | NEMA L21-20P | | (42) 5-20 | 3.0 m | AP7592 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.8 kW | NEMA L21-20P | | (21) 5-20 (6) L6-20 | 1.0 m | AP7563 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.8 kW | NEMA L21-20P | | (36) C13 (6) C19 | 1.0 m | AP7564 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 12.5 kW | CS8365C | | (30) C13 (6) C19 | 1.0 m | AP7568 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 12.5 kW | CS8365C | | (30) C13 (6) C19 | 3.0 m | AP7598 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 14.4 kW | CS8365C | | (24) C13 (4) C19 (2) L6-30 | 1.0 m | AP7569 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 14.4 kW | CS8365C | | (24) C13 (4) C19 (2) L6-30 | 3.0 m | AP7599 |
| | Vertical, 0U | 208 | NAM | 50 A, 3 ϕ | 12.5 kW | CS8365C | | (6) C19 (3) C13 | 1.8 m | AP7567A |
| | Horizontal, 1U | 200 – 240 | NAM | 50 A, 3 ϕ | 14.4 kW | CS8365C | | (6) C19 | 2.4 m | AP7516 |
| | Horizontal, 2U | 120/208 | NAM | 30 A, Split ϕ | 5.8 kW | NEMA L14-30P | | (4) L5-20 | 8.5 m | AP7580 |
| | Horizontal, 2U | 120/208 | NAM | 30 A, Split ϕ | 5.8 kW | NEMA L14-30P | | (4) L6-20 | 8.5 m | AP7581 |
| | Horizontal, 2U | 120/208 | NAM | 30 A, Split ϕ | 5.8 kW | NEMA L14-30P | | (12) 5-20 | 8.5 m | AP7582 |
| | Horizontal, 2U | 120/208 | NAM | 30 A, Split ϕ | 5.8 kW | NEMA L14-30P | | (4) L5-30 | 8.5 m | AP7583 |
| Horizontal, 2U | 120/208 | NAM | 30 A, Split ϕ | 5.8 kW | NEMA L14-30P | | (4) L6-30 | 8.5 m | AP7584 | |
| 400 – 415 V Three-phase input | Vertical, 0U | 400 | EMEA, APJ, LAM, GCN | 16 A, 3 ϕ | 11 kW | IEC 309 16 A 3P+N+PE | (36) C13 (6) C19 | 1.0 m | AP7557 | |
| | Vertical, 0U | 400 | EMEA, APJ, LAM, GCN | 16 A, 3 ϕ | 22 kW | IEC 309 32 A 3P+N+PE | (6) C19 (3) C13 | 1.8 m | AP7555A | |
| | Vertical, 0U | 415 | NAM | 20 A, 3 ϕ | 11.5 kW | IEC 309 20 A 3P+N+PE | (36) C13 (6) C19 | 1.0 m | AP7557NA | |
| | Horizontal, 1U | 400 | EMEA, APJ, LAM, GCN | 32 A, 3 ϕ | 22 kW | IEC 309 32 A 3P+N+PE | (6) C19 | 2.4 m | AP7526 | |

Choosing APC Rack PDUs

Use the Rack PDU Selector to help you choose from our diverse rack power distribution offerings, designed to meet the needs of entry-level networking equipment and high-density server and blade environments.



www.apc.com/tools/selector/pdu/

The APC Rack PDU Selector can filter Rack PDU selection by:

- > Family type
- > Output voltage
- > Mount style (vertical or horizontal)
- > Input plug
- > Localized price

A wide selection of APC Rack PDUs are also available in Schneider Electric Design Portal tools such as:

- > InfraStruxure™ Designer
- > Small IT Solution Designer

Metered Rack PDUs

Metered Rack PDUs provide real-time remote monitoring of connected loads. User-defined alarms warn of potential circuit overloads before critical IT failures occur.

| Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | Output Receptacles | Cord Length | APC SKU |
|-------------------|------------------|-----------------|---------------------|---------------|---------------|-----------------|--------------------|-------------|-----------|
| 100 – 120 V Input | Vertical, 0U | 100 – 120 | NAM | 15 A | 1.4 kW | NEMA 5-15P | (16) 5-15 | 3.0 m | AP7831 |
| | Vertical, 0U | 120 | NAM | 20 A | 1.9 kW | NEMA L5-20P | (24) 5-20 | 3.0 m | AP7830 |
| | Vertical, 0U | 100 | Japan | 20 A | 2.0 kW | NEMA L5-20P | (24) 5-15 | 3.0 m | AP7830J |
| | Vertical, 0U | 100 | Japan | 30 A | 2.4 kW | NEMA L5-30P | (24) 5-15 | 3.0 m | AP7832J |
| | Vertical, 0U | 120 | NAM | 30 A | 2.9 kW | NEMA L5-30P | (24) 5-20 | 3.0 m | AP7832 |
| | Horizontal, 1U | 120 | NAM, LAM | 15 A | 1.4 kW | NEMA 5-15P | (8) 5-15 | 3.6 m | AP7800 |
| | Horizontal, 1U | 120 | NAM, LAM | 20 A | 1.9 kW | NEMA L5-20P | (8) 5-20 | 3.6 m | AP7801 |
| | Horizontal, 2U | 120 | NAM, LAM | 30 A | 2.9 kW | NEMA L5-30P | (16) 5-20 | 3.6 m | AP7802 |
| 200 – 240 V Input | Horizontal, 2U | 100 | Japan | 30 A | 3.0 kW | NEMA L5-30P | (16) 5-15 | 3.6 m | AP7802J |
| | Vertical, 0U | 230 | Worldwide | 10/15 A | 2.3 kW | IEC 320 C14 | (16) C13 | 3.0 m | AP7850 |
| | Vertical, 0U | 100 – 240 | NAM, LAM | 20 A | 3.3 kW | NEMA L6-20P | (18) C13 (2) C19 | 3.0 m | AP8858NA3 |
| | Vertical, 0U | 100 – 240 | Worldwide | 16 A | 3.3 kW | IEC 320 C20 | (18) C13 (2) C19 | Inlet | AP8858 |
| | Vertical, 0U | 100 – 240 | EMEA, APJ, LAM, GCN | 16 A | 3.7 kW | IEC 309 16 A | (18) C13 (2) C19 | 3.0 m | AP8858EU3 |
| | Vertical, 0U | 200 – 240 | NAM, Japan LAM | 30 A | 5.0 kW | NEMA L6-30P | (36)C13 (6) C19 | 3.0 m | AP8841 |
| | Vertical, 0U | 220 – 240 | EMEA, APJ, LAM, GCN | 32 A | 7.4 kW | IEC 309 32 A | (36)C13 (6) C19 | 3.0 m | AP8853 |
| | Horizontal, 1U | 100 – 240 | Worldwide | 10/15 A | 2.5 kW | IEC 320 C14 | (8) C13 | Inlet | AP7820 |
| | Horizontal, 1U | 100 – 240 | Worldwide | 16 A | 3.3 kW | IEC 320 C20 | (8) C13 | Inlet | AP7821 |
| | Horizontal, 2U | 200 – 240 | NAM | 30 A | 5.0 kW | NEMA L6-30P | (12) C13 (4) C19 | 3.6 m | AP7811 |
| | Horizontal, 2U | 230 | EMEA, APJ, LAM, GCN | 32A | 7.4 kW | IEC 309 32 A | (12) C13 (4) C19 | 3.6 m | AP7822 |

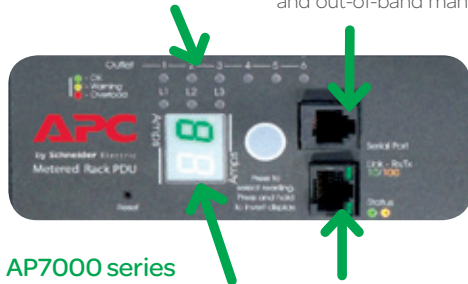
Rack PDU local display

Load indicator LEDs

Serial connection: local configuration and out-of-band management

User interactive display for local access

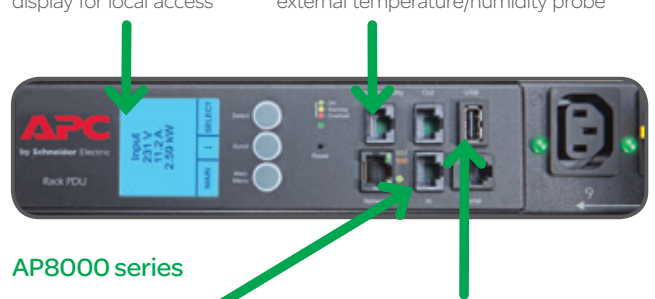
Environmental monitoring port for external temperature/humidity probe



AP7000 series

Local two-digit LED current monitoring display

Network management: access, configure, and receive warnings from remote locations via Web, SNMP, and Telnet



AP8000 series

CAN In/Out ports for network port sharing

Local USB port for flash firmware updates and downloading data/event logs (not to be used as serial port)

Metered Rack PDUs Continued...

| | Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | Output Receptacles | Cord Length | APC SKU |
|-------------------------------|--------------|------------------|---------------------|----------------|---------------|----------------------|-----------------|-------------------------------------|-------------|---------|
| 208 V Three-phase input | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | Ⓢ | (42) 5-20 Ⓢ | 1.0 m | AP7862 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | Ⓢ | (42) 5-20 Ⓢ | 3.0 m | AP7892 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | Ⓢ | (21) 5-20 Ⓢ (6) L6-20 Ⓢ | 1.0 m | AP7863 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | Ⓢ | (21) 5-20 Ⓢ (6) L6-20 Ⓢ | 3.0 m | AP7893 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | Ⓢ | (36) C13 Ⓢ (6) C19 Ⓢ (2) 5-20 Ⓢ | 1.8 m | AP8861 |
| | Vertical, 0U | 208 | Japan | 20 A, 3 ϕ | 6.0 kW | NEMA L21-20P | Ⓢ | (42) 5-15 Ⓢ | 1.0 m | AP7862J |
| | Vertical, 0U | 208 | NAM | 30 A, 3 ϕ | 8.6 kW | NEMA L21-30P | Ⓢ | (36) C13 Ⓢ (6) C19 Ⓢ (2) 5-20 Ⓢ | 1.8 m | AP8865 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 10.0 kW | CS8365C | Ⓢ | (36) C13 Ⓢ (6) C19 Ⓢ | 1.8 m | AP8868 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 14.4 kW | CS8365C | Ⓢ | (24) C13 Ⓢ (4) C19 Ⓢ (2) L6-30 Ⓢ | 1.0 m | AP7869 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 14.4 kW | CS8365C | Ⓢ | (24) C13 Ⓢ (4) C19 Ⓢ (2) L6-30 Ⓢ | 3.0 m | AP7899 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 14.4 kW | CS8365C | Ⓢ | (6) C19 Ⓢ | 1.8 m | AP7867A |
| | Vertical, 0U | 200 – 240 | NAM | 60 A, 3 ϕ | 17.3 kW | IEC 309 60 A 3P+PE | Ⓢ | (12) C19 Ⓢ (6) C13 Ⓢ | 1.8 m | AP8866 |
| | Vertical, 0U | 200 – 240 | NAM | 60 A, 3 ϕ | 17.3 kW | IEC 309 60 A 3P+PE | Ⓢ | (30) C13 Ⓢ | 1.8 m | AP8867 |
| 400 – 415 V Three-phase input | Vertical, 0U | 400 – 415 | Worldwide | 16 A, 3 ϕ | 11 kW | IEC 309 16 A 3P+N+PE | Ⓢ | (36) C13 Ⓢ (6) C19 Ⓢ | 1.8 m | AP8881 |
| | Vertical, 0U | 415 | NAM | 30 A, 3 ϕ | 17.3 kW | IEC 309 30 A 3P+N+PE | Ⓢ | (12) C19 Ⓢ (30) C13 Ⓢ | 1.8 m | AP8887 |
| | Vertical, 0U | 400 | EMEA, APJ, LAM, GCN | 32 A, 3 ϕ | 22 kW | IEC 309 32 A 3P+N+PE | Ⓢ | (12) C19 Ⓢ (30) C13 Ⓢ | 1.8 m | AP8886 |
| | Vertical, 0U | 400 | EMEA, APJ, LAM, GCN | 32 A, 3 ϕ | 22 kW | IEC 309 32 A 3P+N+PE | Ⓢ | (6) C19 Ⓢ | 1.8 m | AP7855A |
| | Vertical, 0U | 415 | NAM | 40 A, 3 ϕ | 23 kW | IEC 309 60 A 3P+N+PE | Ⓢ | (12) C19 Ⓢ (30) C13 Ⓢ | 1.8 m | AP8888 |

Rack PDU Software options:

APC Intelligent Rack PDUs provide remote power utilization data and optional outlet control to allow data center managers to make informed decisions on load balancing and right-sizing IT environments to lower total cost of ownership.

Remote access to Intelligent Rack PDUs is available via:

- > Web browser
- > Telnet (CLI)
- > SNMP





















































Integration with StruxureWare for Data Centers Software

APC Rack PDUs, when combined with StruxureWare™ Data Center Operations, help provide an instant overview of data center operations with additional inventory management, PUE calculation, real-time device alarms, and location-based drill-down of power distribution.



Switched Rack PDUs

Switched Rack PDUs provide advanced load monitoring combined with remote on/off switching control of individual outlets for power cycling, delayed power sequencing, and outlet use management.

| Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | Output Receptacles | Cord Length | APC SKU |
|-------------------|------------------|-----------------|---------------------|---------------|---------------|--|--|-------------|-----------|
| 100 – 120 V Input | Vertical, 0U | 100 – 120 | NAM | 15 A | 1.4 kW | NEMA 5-15P  | (16) 5-15  | 3.0 m | AP7931 |
| | Vertical, 0U | 120 | NAM, LAM | 20 A | 1.9 kW | NEMA L5-20P  | (24) 5-20  | 3.0 m | AP7930 |
| | Vertical, 0U | 100 | Japan | 20 A | 1.9 kW | NEMA L5-20P  | (24) 5-15  | 3.0 m | AP7930J |
| | Vertical, 0U | 120 | NAM, LAM | 30 A | 2.9 kW | NEMA L5-30P  | (24) 5-20  | 3.0 m | AP7932 |
| | Vertical, 0U | 100 | Japan | 30 A | 3.0 kW | NEMA L5-30P  | (24) 5-15  | 3.0 m | AP7932J |
| | Horizontal, 1U | 100 – 120 | NAM, LAM | 15 A | 1.4 kW | NEMA 5-15P  | (8) 5-15  | 3.6 m | AP7900 |
| | Horizontal, 1U | 100 – 120 | NAM | 20 A | 1.9 kW | NEMA L5-20P  | (8) 5-20  | 3.6 m | AP7901 |
| | Horizontal, 2U | 120 | NAM | 30 A | 2.9 kW | NEMA L5-30P  | (16) 5-20  | 3.6 m | AP7902 |
| | Horizontal, 2U | 100 | Japan | 32 A | 3.0 kW | NEMA L5-30P  | (16) 5-15  | 3.6 m | AP7902J |
| 200 – 240 V Input | Vertical, 0U | 230 | EMEA, APJ, GCN | 10 A | 2.3 kW | IEC C14  | (16) C13  | 3.0 m | AP7950 |
| | Vertical, 0U | 100 – 240 | NAM, LAM | 20 A | 3.3 kW | NEMA L6-20P  | (7) C13  (1) C19  | 3.0 m | AP8958NA3 |
| | Vertical, 0U | 100 – 240 | Worldwide | 16 A | 3.3 kW | IEC 320 C20  | (7) C13  (1) C19  | Inlet | AP8958 |
| | Vertical, 0U | 230 | EMEA, APJ, LAM, GCN | 16 A | 3.7 kW | IEC 309 16 A  | (7) C13  (1) C19  | 3.0 m | AP8958EU3 |
| | Vertical, 0U | 100 – 240 | NAM, LAM | 20 A | 3.3 kW | NEMA L6-20P  | (21) C13  (3) C19  | 3.0 m | AP8959NA3 |
| | Vertical, 0U | 100 – 240 | Worldwide | 16 A | 3.3 kW | IEC 320 C20  | (21) C13  (3) C19  | Inlet | AP8959 |
| | Vertical, 0U | 230 | EMEA, APJ, LAM, GCN | 16 A | 3.7 kW | IEC 309 16 A  | (21) C13  (3) C19  | 3.0 m | AP8959EU3 |
| | Vertical, 0U | 200 – 240 | NAM, LAM | 30 A | 5.0 kW | NEMA L6-30P  | (21) C13  (3) C19  | 3.0 m | AP8941 |
| | Vertical, 0U | 220 – 240 | EMEA, APJ LAM, GCN | 32 A | 7.4 kW | IEC 309 32 A  | (21) C13  (3) C19  | 3.0 m | AP8953 |
| | Horizontal, 1U | 208 – 230 | Worldwide | 10/15 A | 2.5 kW | IEC 320 C14  | (8) C13  | 2.0 m | AP7920 |
| | Horizontal, 1U | 208 – 230 | Worldwide | 16 A | 3.3 kW | IEC 320 C20  | (8) C13  | 2.4 m | AP7921 |
| | Horizontal, 2U | 200 – 240 | NAM | 30 A | 5.0 kW | NEMA L6-30P  | (16) C13  | 3.6 m | AP7911A |
| | Horizontal, 2U | 230 | EMEA, APJ, LAM, GCN | 32 A | 7.4 kW | IEC 309 32 A  | (16) C13  | 3.6 m | AP7922 |

What is metered on AP8800, AP8900, and AP8600 Series Rack PDUs?











- > **Device:** power and energy
- > **Phase:** current*, power, and voltage
- > **Internal circuit breaker (bank):** current*
- > **Outlet:** current, power, energy (AP8600 Series only)

Why do we meter?

- > **Device:** Rack level capacity change, planning, and efficiency calculations
- > **Phase:** Balance loads between phases to protect against tripping upstream branch circuit breakers
- > **Internal circuit breaker (bank):** Protect against tripping internal circuit breakers
- > **Outlet:** Detailed capacity change, equipment efficiency, and trends















*AP7000 series monitors current per phase and breaker only.

Switched Rack PDUs Continued...

| Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | | Output Receptacles | Cord Length | APC SKU |
|-------------------------------------|------------------|-----------------|-----------|----------------|---------------|----------------------|---|--|-------------|---------|
| 208 V Three-phase Input | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | ⊕ | (24) 5-20 | 1.0 m | AP7960 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | ⊕ | (24) 5-20 | 3.0 m | AP7990 |
| | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | ⊕ | (21) C13  (3) C19  | 1.8 m | AP8961 |
| | Vertical, 0U | 208 | NAM | 30 A, 3 ϕ | 8.6 kW | NEMA L21-30P | ⊕ | (21) C13  (3) C19  | 1.8 m | AP8965 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 12.5 kW | CS8365C | ⊕ | (21) C13  (3) C19  | 1.0 m | AP7968 |
| | Vertical, 0U | 200 – 240 | NAM | 50 A, 3 ϕ | 12.5 kW | CS8365C | ⊕ | (21) C13  (3) C19  | 3.0 m | AP7998 |
| 400 – 415 V Three-phase Input | Vertical, 0U | 400 – 415 | Worldwide | 16 A, 3 ϕ | 11 kW | IEC 309 16 A 3P+N+PE | ⊕ | (21) C13  (3) C19  | 1.8 m | AP8981 |

Metered by Outlet with Switching Rack PDUs

Metered-by-outlet Rack PDUs provide real-time remote monitoring of each individual outlet to empower IT professionals with the necessary tools for advanced data center energy management.

| Voltage | Mounting U-space | Nominal Voltage | Region | Input Circuit | Nominal Power | Input Plug Type | | Output Receptacles | Cord Length | APC SKU |
|-------------------------------------|------------------|-----------------|---------------------|----------------|---------------|----------------------|---|--|-------------|-----------|
| 200 – 240 V Input | Vertical, 0U | 208 | NAM | 20 A | 3.3 kW | NEMA L6-20P | ⊕ | (21) C13  (3) C19  | 3.0 m | AP8659NA3 |
| | Vertical, 0U | 100 – 240 | Worldwide | 20 A | 3.3 kW | IEC 320 C20 | ⊕ | (21) C13  (3) C19  | Inlet | AP8659 |
| | Vertical, 0U | 230 | EMEA, APJ, LAM, GCN | 16 A | 3.7 kW | IEC 309 16 A | ⊕ | (21) C13  (3) C19  | 3.0 m | AP8659EU3 |
| | Vertical, 0U | 200 – 240 | NAM, Japan LAM | 30 A | 5.0 kW | NEMA L6-30P | ⊕ | (21) C13  (3) C19  | 3.0 m | AP8641 |
| | Vertical, 0U | 220 – 240 | EMEA, APJ, LAM, GCN | 32 A | 7.4 kW | IEC 309 32 A | ⊕ | (21) C13  (3) C19  | 3.0 m | AP8653 |
| 208 V Three-phase Input | Vertical, 0U | 208 | NAM | 20 A, 3 ϕ | 5.7 kW | NEMA L21-20P | ⊕ | (21) C13  (3) C19  | 1.8 m | AP8661 |
| 400 – 415 V Three-phase Input | Vertical, 0U | 400 – 415 | Worldwide | 16 A, 3 ϕ | 11 kW | IEC 309 16 A 3P+N+PE | ⊕ | (21) C13  (3) C19  | 1.8 m | AP8681 |



AP8661

Rack-mount Transfer Switch

| Input Voltage | Mounting U-space | Input Circuit | Input Plug Type | Output Receptacles | Cord Length | APC SKU |
|---------------|------------------|---------------|-----------------|--------------------|-------------|---------|
| 100 V | 1 | 20 A | NEMA L5-20P | (8) 5-15 | 2.4 m | AP7752J |
| 100/120 V | 1 | 15 A | NEMA 5-15P | (8) 5-15 | 2.4 m | AP7750A |
| 120 V | 1 | 20 A | NEMA L5-20P | (10) 5-20 | 2.4 m | AP7752 |
| 120 V | 2 | 30 A | NEMA L5-30P | (16) 5-20 | 2.4 m | AP7753 |
| 200 – 208 V | 1 | 20 A | NEMA L6-20P | (8) C13, (1) C19 | 2.4 m | AP7730 |
| 200 – 208 V | 2 | 30 A | NEMA L6-30P | (16) C13, (2) C19 | 2.4 m | AP7732 |
| 208 V | 2 | 30 A | NEMA L6-30P | (1) L6-30R | 2.4 m | AP7731 |
| 208/230 V | 1 | 15 A | IEC C14 Inlet | (12) C13 | None | AP7721 |
| 200-/230 V | 1 | 20 A | IEC C20 Inlet | (8) C13, (1) C19 | None | AP7723 |
| 230 V | 1 | 16 A | (2) IEC 309 | (1) IEC-309 | 0.9 m | AP7722A |
| 230 V | 2 | 32 A | IEC 309 | (16) C13, (2) C19 | 2.4 m | AP7724 |
| 208 V 3ø | 1 | 20 A, 3ø | NEMA L21-20P | (1) L21-20R | 0.9 m | AP7701 |

Locking IEC Power Cords

| PDU Input | Server Input | Cord Length | Cords per SKU | APC SKU |
|--------------------------------------|--------------|-------------|---------------|---------|
| IEC C14 Straight | IEC C13 | 0.6 m | 6 | AP8702S |
| | | 1.2 m | 6 | AP8704S |
| | | 1.8 m | 6 | AP8706S |
| IEC C14 (Three right, three left) | IEC C13 | 0.6 m | 6 | AP8702R |
| | | 1.2 m | 6 | AP8704R |
| | | 1.8 m | 6 | AP8706R |
| IEC C20 Straight | IEC C19 | 0.6 m | 6 | AP8712S |
| | | 1.2 m | 6 | AP8714S |
| | | 1.8 m | 6 | AP8716S |
| IEC C20 (Three right, three left) | IEC C19 | 0.6 m | 6 | AP8712R |
| | | 1.2 m | 6 | AP8714R |
| | | 1.8 m | 6 | AP8716R |



Locking IEC power cords provide a mechanism to secure power cord connections to the Rack PDU when used with any AP8000 Series unit.

Bracket Kits

| Description | APC SKU |
|---|---------|
| Vertical, 0U mounting brackets for Dell® and Rittal® enclosures | AP7400* |
| Vertical, 0U mounting brackets for HP® enclosures | AP7406* |
| NetShelter™ SX and third party racks, 0U accessory and PDU bracket | AR7711 |
| Horizontal to Vertical, 0U mounting bracket for horizontal 1U Rack PDUs | AR8417 |

*Brackets for AP7000 series Rack PDUs only

Environmental

| Description | Connector Type | Cord Length | APC SKU |
|---------------------------|----------------|-------------|----------|
| Temp. sensor | RJ-45 | 3.9 m | AP9335T |
| Temp. and humidity sensor | RJ-45 | 3.9 m | AP9335TH |

Note: Environmental sensors only compatible with AP8000 Series Rack PDUs. Each Rack PDU includes one environmental sensor port for an optional sensor.



KVM Switches

| KVM Switches with CAT-5 Type Connection | APC SKU |
|--|--------------|
| 32-port Digital Enterprise IP KVM with Virtual Media, two remote users | KVM2132P |
| 16-port Digital Enterprise IP KVM with Virtual Media, two remote users | KVM2116P |
| 16-port Digital IP KVM with Virtual Media one remote user | KVM1116P |
| 16-port Analog Enterprise KVM with Virtual Media, two local users | KVM0216A |
| 16-port Analog KVM, one local user | KVM0116A |
| 8-port Analog KVM, one local user | KVM0108A |
| KVM USB Server Module | KVM-USB |
| KVM PS/2 Server Module | KVM-PS2 |
| KVM USB Server Module with Virtual Media | KVM-USBVM |
| KVM PS/2 Server Module with Virtual Media | KVM-PS2VM |
| KVM USB Server Module with Virtual Media and CAC Support | KVM-USBVMCAC |
| KVM Serial Server Module | KVM-SERIAL |
| KVM to APC Rack PDU Power Management Cable | AP5641 |
| KVM 1U Bracket for rear mount behind Rack LCD Console | KVM-LCDMOUNT |
| KVM Access Software License Upgrade to Enterprise (1,024 Nodes) | SEKVM1024N |



Rear view of AP5202

| KVM Switches with Coaxial Type Connection | APC SKU |
|---|---------|
| 8-port analog KVM | AP5201 |
| 16-port analog KVM | AP5202 |

| Cables for Coaxial Type Connection | 0.6 m | 0.9 m | 0.5 m | 3.7 m | 7.6 m |
|------------------------------------|--------|--------|--------|--------|--------|
| KVM USB cable | | | AP5253 | AP5257 | AP5261 |
| KVM PS/2 cable | | AP5264 | AP5250 | AP5254 | AP5258 |
| KVM Daisy-chain cable | AP5262 | | AP5263 | | |

Rack LCD Consoles

| Rack LCD Consoles | APC SKU |
|----------------------|---------|
| 17" Rack LCD console | AP5717 |
| 19" Rack LCD console | AP5719 |

- > Ultra-thin 17" or 19" LCD monitor
- > Integrated keyboard with number pad
- > USB port for external media
- > Space saving 1U design
- > Touchpad mouse
- > Easy to install
- > Localized keyboard versions available; check www.apc.com for availability



| Rack LCD Console with Integrated KVM Switch | Cable Length | APC SKU |
|---|--------------|---------|
| 17" Rack LCD console with integrated 8-port KVM Switch | 1.8 m | AP5808 |
| 17" Rack LCD console with integrated 16-port KVM Switch | 1.8 m | AP5816 |
| KVM USB cable | 1.8 m | AP5821 |
| KVM USB cable | 3.0 m | AP5822 |
| KVM USB cable | 5.2 m | AP5823 |



































* KVM PS/2 cables available, see cables for coaxial type connection on page 20.



Rear view of AP5816

The functionality of a Rack LCD console and an analog KVM switch in one convenient package optimizes U-space in the rack environment and eliminates cable clutter. Daisy-chain with AP5201 or AP5202 for additional ports.

Receptacle and Plug Types

| Voltage | Amps | Typical Rating | # Wires | Plug Name | Mating Connector |
|----------------------------|---------|----------------|---------|---|---|
| 100 – 120 V | 15 A | 1.4 kW | 3 | NEMA 5-15P  | NEMA 5-15R  |
| | 20 A | 1.9 kW | 3 | NEMA 5-20P  | NEMA 5-20R  |
| | 20 A | 1.9 kW | 3 | NEMA L5-20P  | NEMA L5-20R  |
| | 30 A | 2.9 kW | 3 | NEMA L5-30P  | NEMA L5-30R  |
| 200 – 240 V | 15 A | 2.5 kW | 3 | IEC C14  | IEC C13  |
| | 16 A | 3.7 kW | 3 | IEC 309 16 A, 2P, 3W  | IEC 309 16 A, 2P, 3  |
| | 20 A | 3.3 kW | 3 | IEC C20  | IEC C19  |
| | 20 A | 3.3 kW | 3 | NEMA L6-20P  | NEMA L6-20R  |
| | 30 A | 5.0 kW | 3 | NEMA L6-30P  | NEMA L6-30R  |
| | 32 A | 7.4 kW | 3 | IEC 309 32 A, 2P, 3W  | IEC 309 32 A, 2P, 3W  |
| 208 V Three-phase | 20 A | 5.8 kW | 5 | NEMA L21-20P  | NEMA L21-20R  |
| | 30 A | 8.7 kW | 5 | NEMA L21-30P  | NEMA L21-30R  |
| | 50 A | 12.5 – 14.4 kW | 4 | CS8365C  | CS8364C, CS8369  |
| | 60 A | 16.2 – 17.3 kW | 4 | IEC 309 60 A, 3P, 4W  | IEC 309 60 A, 3P, 4W  |
| 400 – 415 V Three-phase | 16/20 A | 11 kW | 5 | IEC 309 16/20 A, 3P, 5W  | IEC 309 16/20 A, 3P, 5W  |
| | 32 A | 22 kW | 5 | IEC 309 32 A, 3P, 5W  | IEC 309 32 A, 3P, 5W  |
| | 40 A | 23 kW | 5 | IEC 309 60 A, 3P, 5W  | IEC 309 60 A, 3P, 5W  |



Extended Warranties*

APC by Schneider Electric offers extended warranties that provide a continuation of coverage beyond the original factory warranty period. This service extends the security and protection provided by your factory warranty and ensures that your product will be repaired or replaced if necessary, at no additional charge. Extended warranties are available for purchase in one year increments.

This service is available for all Rack PDUs, Rack ATs, Rack LCD consoles, and KVM switches, and includes:

- > Technical support from product-specific support engineers to assist with questions or concerns
- > Cross shipment of parts or replacement product – no waiting for your critical equipment

Add an extended warranty to your shopping cart on www.apc.com for new purchases or purchase an extended warranty for your existing product.

*Check with your local sales representative for extended warranty services available



Find out more:

The Rack PDU Selector is located at:
www.apc.com/tools/selector/pdu

Test drive a metered or switched Rack PDU at:
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www.apc.com

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