NetShelter Rack PDU Advanced

apc.com/pdu-advanced

Life Is On | **Schneider** Electric

Add Certainty to Your Data Center

APC NetShelter™ Rack PDU Advanced delivers an industry-first 4-in-1 outlet design that can accommodate almost any IT application, with models able to deliver even more power. It's designed for the high-density power needs of service providers, large enterprises, and medium-to-large data centers.

Plan for an always-changing future with NetShelter Rack PDU Advanced:

- **Deploy equipment faster** due to simpler planning and configuration (a unique 4-in-1 outlet accommodates the most common plug types)
- **Easily handle high-density loads** with up to 48 outlets and 50% more power than other APC PDUs
- **Avoid downtime** with advanced redundancy features

4-in-1 outlet for increased flexibility

Acts as any of these outlet types:

C13   C15   C19   C21

EcoStruxure IT Ready

Monitor your NetShelter Rack PDU Advanced with EcoStruxure™ IT, a powerful platform that allows IT and data center professionals to monitor all of their critical IT infrastructure, whether on-premise, in the cloud, or at the edge.

EcoStruxure™ — Innovation At Every Level

Product feature by Rack PDU by family/series

	Rack PDU Advanced 10000 Series (NEW!)	9000 Series	8000 Series
Design features			
Ultra-low profile, space-saving design	•	•	•
Hydraulic-magnetic circuit breakers	•	•	•
Ultra-low profile circuit breakers	•	•	•
Locking IEC outlets when used with locking power cords	•	•	•
High retention outlets when used with standard cords		•	
4-in-1 outlet acts as C13/C15/C19/C21 outlet	•		
High-density outlets	•		
Alternating phase and color-coded outlets	•		
Intelligent power management			
Metered	•		•
Metered-by-outlet	•		•
Switched	•	•	•
Metered-by-outlet with switching	•		•
Outlet control			
Individual outlet remote power on/off control	•	•	•
Outlet power sequencing	•	•	•
Outlet level grouping (multiple outlets in same or mutliple units follow single command)		•	•
User access control with assignable roles, access levels at device and outlet level	•	•	•
Display and network management			
Full-featured network management via Web and SNMP	•	•	•
Ethernet connectivity	Gigabit	Gigabit	10/100
Local display	Color LCD	Color LCD	LCD
Network port sharing	32	32	4
Local USB port for easy local firmware updates	•	•	•
Network management card power sharing	•		
Dual network ports for mutli-user access	•		
Metering capability			
Metering accuracy	+/- 1%	+/- 1%	+/- 3%
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	•	•	•
Individual outlet power metering	•		•
Environmental			
Maximum operating temperature	60°C	60°C	60°C
Environmental monitoring port for external temperature/humidity	Up to 8	•	•
Maintenance and upgradeability			
Field-replaceable network management module	Live swap	•	•
Warranty	3 year	3 year	2 year

NetShelter Rack PDU Advanced

We can help you select the PDU that meets your unique business needs.

Voltage	Mounting U-space	Nominal voltage	Applicable Region[+]	Input circuit	Nominal power	Input plug type*	Output receptacles**		Cord length	APC SKU
Metered	Vertical, 0U	230	INTL	32 A, 1φ	7.4 kW	IEC-309	(20) C13/15	(20) 4-in-1	3.0 m	APDU10150ME [++]
	Vertical, 0U	400 – 415	Worldwide	16 (IEC), 20 (UL) A, 3φ	11.0 (IEC), 11.5 (UL) kW	IEC-309 3P+N+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10250ME
	Vertical, 0U	400 – 415	Worldwide	32 (IEC), 30 (UL) A, 3φ	22.1 (IEC), 17.3 (UL) kW	IEC-309 3P+N+PE	(24) C13/15	(24) 4-in-1	1.8 m	APDU10350ME
	Vertical, 0U	400 – 415	Worldwide	63 (IEC), 60 (UL) A, 3φ	43.5 (IEC), 34.6 (UL) kW	IEC-309 3P+N+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10450ME [++]
	Vertical, 0U	208	NAM	30 A, 1φ	5.0 kW	NEMA L6-30P	(20) C13/15	(20) 4-in-1	3.0 m	APDU10151ME
	Vertical, 0U	208	NAM	30 A, 3φ	8.6 kW	NEMA L21-30P	(21) C13/15	(21) 4-in-1	1.8 m	APDU10351ME
	Vertical, 0U	208	NAM	50 A, 3φ	14.4 kW	CS8365C	(21) C13/15	(21) 4-in-1	1.8 m	APDU10451ME
	Vertical, 0U	208	NAM	60 A, 3φ	17.3 kW	IEC-309 3P+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10452ME
Metered-by-Outlet	Vertical, 0U	400 – 415	Worldwide	32 (IEC), 30 (UL) A, 3φ	22.1 (IEC), 17.3 (UL) kW	IEC-309 3P+N+PE	(24) C13/15	(24) 4-in-1	1.8 m	APDU10350MO
	Vertical, 0U	208	NAM	60 A, 3φ	17.3 kW	IEC-309 3P+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10452MO
Switched	Vertical, 0U	230	INTL	32 A, 1φ	7.4 kW	IEC-309	(20) C13/15	(20) 4-in-1	3.0 m	APDU10150SW [++]
	Vertical, 0U	400 – 415	Worldwide	16 (IEC), 20 (UL) A, 3φ	11.0 (IEC), 11.5 (UL) kW	IEC-309 3P+N+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10250SW
	Vertical, 0U	400 – 415	Worldwide	32 (IEC), 30 (UL) A, 3φ	22.1 (IEC), 17.3 (UL) kW	IEC-309 3P+N+PE	(24) C13/15	(24) 4-in-1	1.8 m	APDU10350SW
	Vertical, 0U	400 – 415	Worldwide	63 (IEC), 60 (UL) A, 3φ	43.5 (IEC), 34.6 (UL) kW	IEC-309 3P+N+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10450SW[++]
	Vertical, 0U	208	NAM	30 A, 1φ	5 kW	NEMA L6-30P	(20) C13/15	(20) 4-in-1	3.0 m	APDU10151SW
	Vertical, 0U	208	NAM	30 A, 3φ	8.6 kW	NEMA L21-30P	(24) C13/15	(24) 4-in-1	1.8 m	APDU10351SW
	Vertical, 0U	208	NAM	50 A, 3φ	14.4 kW	CS8365C	(21) C13/15	(21) 4-in-1	1.8 m	APDU10451SW
	Vertical, 0U	208	NAM	60 A, 3φ	17.3 kW	IEC-309 3P+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10452SW
Metered-by-Outlet with Switching	Vertical, 0U	230	INTL	32 A, 1φ	7.4 kW	IEC-309	(20) C13/15	(20) 4-in-1	3.0 m	APDU10150SM [++]
	Vertical, 0U	400 – 415	Worldwide	16 (IEC), 20 (UL) A, 3φ	11.0 (IEC), 11.5 (UL) kW	IEC-309 3P+N+PE	(24) C13/15	(24) 4-in-1	1.8 m	APDU10250SM
	Vertical, 0U	400 – 415	Worldwide	32 (IEC), 30 (UL) A, 3φ	22.1 (IEC), 17.3 (UL) kW	IEC-309 3P+N+PE	(24) C13/15	(24) 4-in-1	1.8 m	APDU10350SM
	Vertical, 0U	400 – 415	Worldwide	63 (IEC), 60 (UL) A, 3φ	43.5 (IEC), 34.6 (UL) kW	IEC-309 3P+N+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10450SM [++]
	Vertical, 0U	208	NAM	30 A, 1φ	5 kW	NEMA L6-30P	(20) C13/15	(20) 4-in-1	3.0 m	APDU10151SM
	Vertical, 0U	208	NAM	30 A, 3φ	8.6 kW	NEMA L21-30P	(24) C13/15	(24) 4-in-1	1.8 m	APDU10351SM
	Vertical, 0U	208	NAM	50 A, 3φ	14.4 kW	CS8365C	(21) C13/15	(21) 4-in-1	1.8 m	APDU10451SM
	Vertical, 0U	208	NAM	60 A, 3φ	17.3 kW	IEC-309 3P+PE	(21) C13/15	(21) 4-in-1	1.8 m	APDU10452SM

Additional options

Configurable Rack PDUs:

All options above are available as configure-to-order with U.S. leadtime of **6-7 weeks and minimum order quantity of 30 units** when configuring to order these options:

Input plug type | Input plug length | Color

Engineer-to-Order Rack PDUs:

Have a large order and not finding what you are looking for? Engineer-to-order your Rack PDU with best-in-class NetShelter Rack PDU Advanced features and functionality! Request your engineer-to-order PDU solution today.

Visit **apc.com/pdu-advanced** to request your CTO or ETO PDU.

*IEC Input Plug options listed are IP44 plug types; ** 4-in-1 outlet acts as C13/C15/C19/C21 outlet; for more information, see Page 2.

[+] Indicates regions where product can be used. Does not indicate product is available for sale in those regions.

[++] Coming soon to Europe

NetShelter Rack PDU Advanced Features

Next-generation rack PDU featuring…
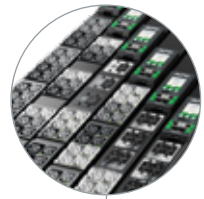
4-in-1 Outlet:
Acts as C13, C15, C19, or C21

More Power:
Fit more power into each rack with up to 48 outlets and 43.5 (IEC) / 34.6 (UL) kW of power on one PDU

Slim Design:
Makes it even easier to add more PDUs to the same rack.

60°C Operating Temperature:
The ability to operate at higher temperatures helps to protect costly equipment from downtime.

1% Metering Accuracy:
Cloud and service providers can know exactly how much power each outlet uses for more accurate customer billing.

Environmental Sensors:
Optional sensor support can monitor for temperature, moisture, and unwanted access (up to 8 sensors).

Alternating Phase and Color-Coded Outlets:
Outlets are color-coded to match the breakers, so it's easy to see which breaker protects which outlets and simplify installation and setup, including load balancing.

Benefits of our industry-first 4-in-1 outlet:

- Simplify IT planning—no need to select different types of PDUs for different types of equipment
- Be ready for future expansion without needing to know what types of outlets you'll need
- Avoid delays and unplanned costs if plug requirements change mid-project—use the PDUs you already ordered
- Be flexible for whatever the future brings to your data center

---

Rack Mountable:

- Vertical toolless-mount for fast installation
- Flexible mounting options
- Compatible with most NetShelter SX enclosures and third-party racks

Network Management Card:

- Color LCD display
- Display aggregate current draw per PDU and much more!
- Enhanced cybersecurity with secured interfaces and modified password policy
- Full-featured network management interfaces that provide standards-based management via Web, SNMP, and Redfish
- Allows users to access, configure, and manage rack PDUs from remote locations to save valuable time

Item	Description	Function
1	Display panel	Shows information about the Rack PDU.
2	Main Menu button	Press to view the Rack PDU input.
3	USB port	For use with a flash drive for firmware upgrades. Can also be used to download log files to a flash drive.
4	10/100/1000 Network port	Gigabit Ethernet port. Connects the Rack PDU to another Rack PDU in a cascading group using a Cat5e network cable.
5	Sensor port 1	Port for connecting an optional sensor.

Item	Description	Function
6	Scroll button	Press once to display the menu. Press additional times to move the highlight bar down the menu list until you reach the desired item.
7	Select button	With the menu item highlighted, press the Select button to display the Rack PDU information.
8	Reset	Resets the network management interface without affecting outlets of the Rack PDU.
9	10/100 Network port	Redundant Ethernet and Cascading with DC Power Share. Connects the Rack PDU to the network using a Cat5e network cable.
10	Sensor port 2	Port for connecting an optional sensor. Also for use as a Series connection port.

Suggested Accessories, Services, and Extended Warranty:

Environmental Sensor Support – Coming Soon!
APDU1300 / APDU1303 / APDU1308 / APDU1335T / APDU1335TH / APDU1335T3H

Optional sensor support that monitors for temperature, moisture, and unwanted access in your data center or network closet.

Locking Power Cords
Assortment of locking power cords

Locking IEC power cords provide a mechanism to secure power cord connections to the Rack PDU when used with any AP8000, APDU9000, or APDU10000 Series Rack PDUs and prevent accidental disconnects.

Extended Warranty
1-year extended warranty to add to 3-year standard factory warranty for a total of 6 years

This service extends the security and protection provided by your factory warranty and ensures your product will be repaired or replaced if necessary at no additional charge.

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

![APC logo]

Explore, select, and configure:

Discover or configure to order a NetShelter Rack PDU Advanced:
apc.com/pdu-advanced

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

Explore all of these products in 3D with SketchFab:
skfb.ly/o8Bso

Or explore with augmented reality (AR) in 3D!

apc.com

Life Is On | Schneider Electric