





























# 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, Japan	15 A	1.4 kW	NEMA 5-15P 	(10) 5-15 	3.0 m	AP8831
	Vertical, 0U	100 – 120	NAM	20 A	1.9 kW	NEMA L5-20P 	(24) 5-20 	3.0 m	AP8830
	Vertical, 0U	100 – 120	Japan	20 A	2.0 kW	NEMA L5-20P 	(24) 5-15 	3.0 m	AP8830J
	Vertical, 0U	100 – 120	Japan	20 A	1.9 kW	NEMA L5-20P 	(10) 5-15 	3.0 m	AP8833J
	Vertical, 0U	100 – 120	NAM, Japan	30 A	2.9 kW	NEMA L5-30P 	(24) 5-20 	3.0 m	AP8832
	Vertical, 0U	100 – 120	Japan	30 A	2.4 kW	NEMA L5-30P 	(24) 5-15 	3.0 m	AP8832J
	Horizontal, 1U	120	NAM, LAM	15 A	1.4 kW	NEMA 5-15P 	(8) 5-15 	3.6 m	AP7800B
	Horizontal, 1U	120	NAM, LAM	20 A	1.9 kW	NEMA L5-20P 	(8) 5-20 	3.6 m	AP7801B
	Horizontal, 2U	120	NAM, LAM	30 A	2.9 kW	NEMA L5-30P 	(16) 5-20 	3.6 m	AP7802B
200 – 240 V input	Horizontal, 2U	100	Japan	30 A	3.0 kW	NEMA L5-30P 	(16) 5-15 	3.6 m	AP7802BJ
	Vertical, 0U	230	Worldwide	10/12 A	2.3 kW	IEC-320 C14 	(16) C13 	3.0 m	AP7850B
	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	16 A	3.7 kW	IEC-309 16 A 	(18) C13  (2) C19 	3.0 m	AP8858EU3
	Vertical, 0U	100 – 240	NAM, LAM GCN, APJ	20 A	3.3 kW	NEMA L6-20P 	(18) C13  (2) C19 	3.0 m	AP8858NA3
	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	208	NAM	30 A	5.8 kW	NEMA L14-30P 	(16) 5-20  (12) C13  (2) C19 	3.0 m	AP8870
	Vertical, 0U	220 – 240	LAM, EMEA, GCN, APJ	32 A	7.4 kW	IEC-309 32 A 	(36)C13  (6) C19 	3.0 m	AP8853
	Horizontal, 1U	100 – 240	Worldwide	10/12 A	2.5 kW	IEC-320 C14* 	(8) C13 	Inlet	AP7820B
	Horizontal, 1U	100 – 240	Worldwide	16 A	3.3 kW	IEC-320 C20* 	(8) C13 	Inlet	AP7821B
	Horizontal, 2U	200 – 240	NAM	30 A	5.0 kW	NEMA L6-30P 	(12) C13  (4) C19 	3.6 m	AP7811B
	Horizontal, 2U	230	LAM, EMEA, GCN, APJ	32 A	7.4 kW	IEC-309 32 A 	(12) C13  (4) C19 	3.6 m	AP7822B

\* See pages 22 – 23 for inlet power cord options

## What is metered on AP8800, AP8400, 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 & AP8400 Series only)

\*AP7000 series monitors current per phase and breaker 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

# 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, 3φ	5.7 kW	NEMA L21-20P	(36) 5-20	3.0 m	AP8862
	Vertical, 0U	208	NAM	20 A, 3φ	5.7 kW	NEMA L21-20P	(24) 5-20 (6) L6-20	3.0 m	AP8863
	Vertical, 0U	208	NAM	20 A, 3φ	5.7 kW	NEMA L21-20P	(36) C13 (2) 5-20 (6) C19	1.8 m	AP8861
	Vertical, 0U	208	NAM	30 A, 3φ	8.6 kW	NEMA L21-30P	(36) C13 (2) 5-20 (6) C19	1.8 m	AP8865
	Vertical, 0U	200 – 240	NAM	50 A, 3φ	10.0 kW	CS8365C	(36) C13 (6) C19	1.8 m	AP8868
	Vertical, 0U	200 – 240	NAM	50 A, 3φ	14.4 kW	CS8365C	(24) C13 (2) L6-30 (4) C19	1.0 m	AP7869B
	Vertical, 0U	200 – 240	NAM	50 A, 3φ	14.4 kW	CS8365C	(24) C13 (2) L6-30 (4) C19	3.0 m	AP7899B
	Vertical, 0U	200 – 240	NAM	60 A, 3φ	17.3 kW	IEC-309 60 A 3P+PE	(12) C19 (6) C13	1.8 m	AP8866
400 – 415 V three-phase input	Vertical, 0U	400 – 415	Worldwide	16 A, 3φ	11 kW	IEC-309 16 A 3P+N+PE	(36) C13 (6) C19	1.8 m	AP8881
	Vertical, 0U	415	NAM	30 A, 3φ	17.3 kW	IEC-309 30 A 3P+N+PE	(12) C19 (30) C13	1.8 m	AP8887
	Vertical, 0U	400	LAM, EMEA, GCN, APJ	32 A, 3φ	22 kW	IEC-309 32 A 3P+N+PE	(12) C19 (30) C13	1.8 m	AP8886
	Vertical, 0U	415	NAM	40 A, 3φ	23 kW	IEC-309 60 A 3P+N+PE	(12) C19 (30) C13	1.8 m	AP8888

## Rack PDU local display

Load indicator LEDs

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



AP7000 series

Local two-digit LED current monitoring display

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

Color user-interactive display for local access



APF8000

User-interactive display for local access

Environmental monitoring port for external temperature/humidity probe



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)



APF8000D