

# Rack Power Distribution

## – World Wide Products -

Quick reference – updated November 2012



Product Feature by Rack PDU Family/Series	Basic	Metered		Switched		Metered by Outlet with Switching
		AP7800 Series	AP8800 Series	AP7900 Series	AP8900 Series	AP8600 Series
<b>Design Features</b>						
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)			√		√ (not AP8965)	
Locking IEC receptacles and locking power cord compatible			√		√	√
Environmental monitoring port for external temperature/humidity monitoring			√		√	√
<b>Display and Network Management</b>						
Full featured network management capability via web, SNMP, telnet		√	√	√	√	√
2 digit, 7-segment LED display		√		√		
User interactive LCD display for local access			√		√	√
Network Port Sharing (Up to 4 rack PDUs share one IP address in one enclosure)			√		√	√
Local USB Port for Easy Local Firmware Updates			√		√	√
<b>Metering Capability</b>						
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						√
<b>Outlet Control</b>						
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				√	√	√
Outlet grouping feature for synchronized control of outlets on multiple Rack PDUs				√	√	√
<b>Maintenance and Upgradeability</b>						
Redundant internal power supply for improved Switched Rack PDU reliability				√	√	√
Field replaceable network management module			√		√	√

# Metered Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type		Output Receptacles	Cord Length	APC SKU
100-120V Input	Vertical, 0U	100-120	NAM	15A	1.4kW	Ⓢ	NEMA 5-15P	Ⓢ (16)5-15	3.0 m	AP7831
		120	NAM	20A	1.9kW	Ⓢ	NEMA L5-20P	Ⓢ (24)5-20	3.0 m	AP7830
		100	Japan	20A	2.0kW	Ⓢ	NEMA L5-20P	Ⓢ (24) 5-15	3.0 m	AP7830J
		100	Japan	30A	2.4kW	Ⓢ	NEMA L5-30P	Ⓢ (24) 5-15	3.0 m	AP7832J
		120	NAM	30A	2.9kW	Ⓢ	NEMA L5-30P	Ⓢ (24)5-20	3.0 m	AP7832
	Horizontal, 1U	120	NAM, LAM	15A	1.4kW	Ⓢ	NEMA 5-15P	Ⓢ (8)5-15	3.6 m	AP7800
		120	NAM, LAM	20A	1.9kW	Ⓢ	NEMA L5-20P	Ⓢ (8)5-20	3.6 m	AP7801
		120	NAM, LAM	30A	2.9kW	Ⓢ	NEMA L5-30P	Ⓢ (16)5-20	3.6 m	AP7802
		100	Japan	30A	3.0kW	Ⓢ	NEMA L5-30P	Ⓢ (16) 5-15	3.6 m	AP7802J
		200-240V Input	Vertical, 0U	230	Worldwide	10/15A	2.3kW	Ⓢ	IEC-320 C14	Ⓢ (16)C13
100-240	NAM, LAM			20A	3.3kW	Ⓢ	NEMA L6-20P	Ⓢ (18)C13, (2)C19	3.0 m	AP8858NA3
100-240	Worldwide			16A	3.3kW	Ⓢ	IEC-320 C20	Ⓢ (18)C13, (2)C19	Inlet	AP8858
100-240	EMEA, APJ, LAM, GCN			16A	3.7kW	Ⓢ	IEC309 16A	Ⓢ (18)C13, (2)C19	3.0 m	AP8858EU3
200-240	NAM, Japan, LAM, GCN			30A	5.0kW	Ⓢ	NEMA L6-30P	Ⓢ (36)C13, (6)C19	3.0 m	AP8841
220-240	EMEA, APJ, LAM, GCN			32A	7.4kW	Ⓢ	IEC309 32A	Ⓢ (36)C13, (6)C19	3.0 m	AP8853
Horizontal, 1U	100-240		Worldwide	10/15A	2.5kW	Ⓢ	IEC-320 C14	Ⓢ (8)C13	Inlet	AP7820
	100-240		Worldwide	16A	3.3kW	Ⓢ	IEC-320 C20	Ⓢ (8)C13	Inlet	AP7821
	200-240		NAM	30A	5.0kW	Ⓢ	NEMA L6-30P	Ⓢ (12)C13, (4)C19	3.6 m	AP7811
	230		EMEA, APJ, LAM, GCN	32A	7.4kW	Ⓢ	IEC309 32A	Ⓢ (12)C13, (4)C19	3.6 m	AP7822
208V 3-phase Input	Vertical, 0U	208	NAM	20A, 3Φ	5.7kW	Ⓢ	NEMA L21-20P	Ⓢ (4)25-20	1.0 m 3.0 m	AP7862 AP7892
		208	NAM	20A, 3Φ	5.7kW	Ⓢ	NEMA L21-20P	Ⓢ (21)5-20, (6)L6-20	1.0 m 3.0 m	AP7863 AP7893
		208	NAM	20A, 3Φ	5.7kW	Ⓢ	NEMA L21-20P	Ⓢ (36)C13, (6)C19, (2)5-20	1.8 m	AP8861
		208	Japan	20A, 3Φ	6.0kW	Ⓢ	NEMA L21-20P	Ⓢ (4)2 5-15	1.0 m	AP7862J
		208	NAM	30A, 3Φ	8.6kW	Ⓢ	NEMA L21-30P	Ⓢ (36)C13, (6)C19, (2)5-20	1.8 m	AP8865
		200-240	NAM	50A, 3Φ	10.0kW	Ⓢ	CS8365C	Ⓢ (36)C13, (6)C19	1.8 m	AP8868
		200-240	NAM	50A, 3Φ	14.4kW	Ⓢ	CS8365C	Ⓢ (24)C13, (4)C19, (2)L6-30	1.0 m 3.0 m	AP7869 AP7899
		200-240	NAM	50A, 3Φ	14.4kW	Ⓢ	CS8365C	Ⓢ (6)C19	1.8 m	AP7867A
		200-240	NAM	60A, 3Φ	17.3kW	Ⓢ	IEC309-60A 3P+N-PE	Ⓢ (6)C13, (12)C19	1.8 m	AP8866
		200-240	NAM			Ⓢ	IEC309-60A 3P+N-PE	Ⓢ (30)C13	1.8 m	AP8867
400-415V 3-phase Input	Vertical, 0U	400-415	Worldwide	16A, 3Φ	11kW	Ⓢ	IEC309-16A 3P+N-PE	Ⓢ (36)C13, (6)C19	1.8 m	AP8881
		415	NAM	30A, 3Φ	17.3kW	Ⓢ	IEC309-30A 3P+N-PE	Ⓢ (30)C13, (12)C19	1.8 m	AP8887
		400	EMEA, APJ, LAM, GCN	32A, 3Φ	22kW	Ⓢ	IEC309-32A 3P+N-PE	Ⓢ (30)C13, (12)C19	1.8 m	AP8886
		400	EMEA, APJ, LAM, GCN	32A, 3Φ	22kW	Ⓢ	IEC309-32A 3P+N-PE	Ⓢ (6)C19	1.8 m	AP7855A
		415	NAM	40A, 3Φ	23kW	Ⓢ	IEC309-60A 3P+N-PE	Ⓢ (30)C13, (12)C19	1.8 m	AP8888



AP8841

# Metered by Outlet with Switching Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type		Output Receptacles	Cord Length	APC SKU
200-240V Input	Vertical, 0U	208	NAM	20A	3.3kW	Ⓢ	NEMA L6-20P	Ⓢ (21)C13, (3)C19	3.0 m	AP8659NA3
		100-240	Worldwide	20A	3.3kW	Ⓢ	IEC-320 C20	Ⓢ (21)C13, (3)C19	Inlet	AP8659
		230	EMEA, APJ, LAM, GCN	16A	3.7kW	Ⓢ	IEC309 16A	Ⓢ (21)C13, (3)C19	3.0 m	AP8659EU3
		200-240	NAM, Japan, LAM	30A	5.0kW	Ⓢ	NEMA L6-30P	Ⓢ (21)C13, (3)C19	3.0 m	AP8641
		220-240	EMEA, APJ, LAM, GCN	32A	7.4kW	Ⓢ	IEC309 32A	Ⓢ (21)C13, (3)C19	3.0 m	AP8653
400-415V 3-phase Input	Vertical, 0U	208	NAM	20A, 3Φ	5.7kW	Ⓢ	NEMA L21-20P	Ⓢ (21)C13, (3)C19	1.8 m	AP8661
		400-415	Worldwide	16A, 3Φ	11kW	Ⓢ	IEC309-16A 3P+N-PE	Ⓢ (21)C13, (3)C19	1.8 m	AP8681



AP8641

# Switched Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU
100-120V Input	Vertical, 0U	100-120	NAM	15A	1.4kW	Ⓐ	(16)5-15	3.0 m	AP7931
		120	NAM, LAM	20A	1.9kW	Ⓢ	(24)5-20	3.0 m	AP7930
		100	Japan	20A	1.9kW	Ⓢ	(24) 5-15	3.0 m	AP7930J
		120	NAM, LAM	30A	2.9kW	Ⓢ	(24)5-20	3.0 m	AP7932
		100	Japan	30A	3.0kW	Ⓢ	(24) 5-15	3.0 m	AP7932J
	Horizontal, 1U	100-120	NAM, LAM	15A	1.4kW	Ⓐ	(8)5-15	3.6 m	AP7900
		100-120	NAM	20A	1.9kW	Ⓢ	(8)5-20	3.6 m	AP7901
	Horizontal, 2U	120	NAM	30A	2.9kW	Ⓢ	(16)5-20	3.6 m	AP7902
		100	Japan	32A	3.0kW	Ⓢ	(16) 5-15	3.6 m	AP7902J
	200-240V Input	Vertical, 0U	230	EMEA, APJ	10A	2.3kW	Ⓢ	(16)C13	3.0 m
100-240			NAM, LAM	20A	3.3kW	Ⓢ	(7)C13, (1)C19	3.0 m	AP8958NA3
100-240			Worldwide	16A	3.3kW	Ⓢ	(7)C13, (1)C19	Inlet	AP8958
230			EMEA, APJ, LAM, GCN	16A	3.7kW	Ⓢ	(7)C13, (1)C19	3.0 m	AP8958EU3
100-240			NAM, LAM	20A	3.3kW	Ⓢ	(2)C13, (3)C19	3.0 m	AP8959NA3
100-240			Worldwide	16A	3.3kW	Ⓢ	(2)C13, (3)C19	Inlet	AP8959
230			EMEA, APJ, LAM, GCN	16A	3.7kW	Ⓢ	(2)C13, (3)C19	3.0 m	AP8959EU3
200-240			NAM, Japan	30A	5.0kW	Ⓢ	(2)C13, (3)C19	3.0 m	AP8941
220-240			EMEA, APJ, LAM, GCN	32A	7.4kW	Ⓢ	(2)C13, (3)C19	3.0 m	AP8953
Horizontal, 1U			208-230	Worldwide	10/15A	2.5kW	Ⓢ	(8)C13	2.0 m
		208-230	Worldwide	16A	3.3kW	Ⓢ	(8)C13	2.4 m	AP7921
Horizontal, 2U		200-240	NAM	30A	5.0kW	Ⓢ	(16)C13	3.6 m	AP7911A
		230	EMEA, APJ, LAM, GCN	32A	7.4kW	Ⓢ	(16)C13	3.6 m	AP7922
208Y 3-phase Input	Vertical, 0U	208	NAM	20A, 3Φ	5.7kW	Ⓢ	(24)5-20	1.0 m	AP7960
		208	NAM	20A, 3Φ	5.7kW	Ⓢ	(21)C13, (3)C19	3.0 m	AP7990
		208	NAM	30A, 3Φ	8.6kW	Ⓢ	(21)C13, (3)C19	1.8 m	AP8961
		200-240	NAM	50A, 3Φ	12.5kW	Ⓢ	(21)C13, (3)C19	1.8 m	AP8965
400-415V 3-phase	Vertical, 0U	400-415	Worldwide	16A, 3Φ	11kW	Ⓢ	(21)C13, (3)C19	3.0 m	AP7968
							1.8 m	AP7998	



AP8941

# Rack Automatic Transfer Switch

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



AP7723



by Schneider Electric

# Basic Rack PDUs

	Mounting U-Space	Nominal Voltage	Region	Input Circuit	Nominal Power	Input Plug Type	Output Receptacles	Cord Length	APC SKU		
100-120V Input	Vertical, 0U	100-120	NAM, LAM	15A	1.4kW	Ⓜ	NEMA 5-15P	Ⓜ (14)5-15	3.6 m	AP9567	
		120	NAM	20A	1.9kW	Ⓜ	NEMA L5-20P	Ⓜ (24)5-20	3.0 m	AP7530	
		100-120	NAM	20A	1.9kW	Ⓜ	NEMA L5-20P	Ⓜ (14)5-15	3.6 m	AP9551	
		100-120	Japan	20A	2.0kW	Ⓜ	NEMA L5-30P	Ⓜ (24) 5-15	3.0 m	AP7530J	
		120	NAM	30A	2.9kW	Ⓜ	NEMA L5-30P	Ⓜ (24)5-20	3.0 m	AP7532	
		100	Japan	30A	3.0kW	Ⓜ	NEMA L5-30P	Ⓜ (24) 5-15	3.0 m	AP7532J	
	Horizontal, 1U	100-120	NAM, LAM	15A	1.4kW	Ⓜ	NEMA 5-15P	Ⓜ (10)5-15	3.6 m	AP9562	
		100-120	NAM	20A	1.9kW	Ⓜ	NEMA 5-20P	Ⓜ (10)5-20	3.6 m	AP9563	
		100-120	NAM	20A	1.9kW	Ⓜ	NEMA L5-20P	Ⓜ (10)5-20	3.6 m	AP9564	
200-240V Input	Vertical, 0U	120-240	Worldwide	10A	2.3kW	Ⓜ	IEC C14	Ⓜ (15)C13	2 m	AP9568	
		120-230	Worldwide	16A	3.3kW	Ⓜ	IEC 320 C20	Ⓜ (15)C13	2.5 m	AP9572	
		200-240	NAM	20A	3.3kW	Ⓜ	NEMA L6-20P	Ⓜ (20)C13, (4)C19	3.0 m	AP7540	
		230	EMEA, APJ, LAM, GCN	16A	3.7kW	Ⓜ	IEC309 16A	Ⓜ (20)C13, (4)C19	1.0 m	AP7551	
		230	Worldwide	16A	3.7kW	Ⓜ	IEC C20	Ⓜ (20)C13, (4)C19	3.0 m	AP7552	
		200-240	NAM	30A	5.0kW	Ⓜ	NEMA L6-30P	Ⓜ (20)C13, (4)C19	3.0 m	AP7541	
		230	EMEA, APJ, LAM, GCN	32A	7.4kW	Ⓜ	IEC309 32A	Ⓜ (20)C13, (4)C19	3.0 m	AP7553	
		Horizontal, 1U	208	NAM, LAM	20A	3.3kW	Ⓜ	NEMA L6-20P	Ⓜ (12)C13	3.6 m	AP9566
			120-240	Worldwide	16A	3.7kW	Ⓜ	IEC C20	Ⓜ (10)C13, (2)C19	2.5 m	AP9559
	100-240		Worldwide	16A	3.7kW	Ⓜ	IEC C20	Ⓜ (12)C13	2.5 m	AP9565	
	208		NAM	30A	5.0kW	Ⓜ	NEMA L6-30P	Ⓜ (4)C19	3.0 m	AP9570	
	200-240		NAM, LAM	30A	5.0kW	Ⓜ	NEMA L6-30P	Ⓜ (10)C13	3.6 m	AP9571A	
	Horizontal, 2U		230	EMEA, APJ,	32A	7.4kW		hardwire	Ⓜ (4)C19	8.5 m	AP7585
		230	EMEA, APJ,	32A	7.4kW		hardwire	Ⓜ (4)IEC 309 32A	8.5 m	AP7586	
		208	NAM	20A, 3Ⓜ	5.8kW	Ⓜ	NEMA L21-20P	Ⓜ (4)25-20	1.0 m	AP7562	
208V 3-phase Input	Vertical, 0U	208	NAM	20A, 3Ⓜ	5.8kW	Ⓜ	NEMA L21-20P	Ⓜ (2)15-20, (6)L6-20	1.0 m	AP7563	
		208	NAM	20A, 3Ⓜ	5.8kW	Ⓜ	NEMA L21-20P	Ⓜ (36)C13, (6)C19	1.0 m	AP7564	
		200-240	NAM	50A, 3Ⓜ	12.5kW	Ⓜ	CS8365C	Ⓜ (30)C13, (6)C19	1.0 m	AP7568	
		200-240	NAM	50A, 3Ⓜ	12.5kW	Ⓜ	CS8365C	Ⓜ (24)C13, (4)C19, (2)L6-30	1.0 m	AP7569	
		200-240	NAM	50A, 3Ⓜ	12.5kW	Ⓜ	CS8365C	Ⓜ (6)C19, (3)C13	3.0 m	AP7599	
		208	NAM	50A, 3Ⓜ	12.5kW	Ⓜ	CS8365C	Ⓜ (6)C19, (3)C13	1.8 m	AP7567A	
		Horizontal, 1U	200-240	NAM	50A, 3Ⓜ	14.4kW	Ⓜ	CS8365C	Ⓜ (6)C19	2.4 m	AP7516
			120/208	NAM	30A, Split Ⓜ	5.8kW	Ⓜ	NEMA L14-30P	Ⓜ (4)L5-20	8.5 m	AP7580
			120/208	NAM	30A, Split Ⓜ	5.8kW	Ⓜ	NEMA L14-30P	Ⓜ (4)L6-20	8.5 m	AP7581
	Horizontal, 2U	120/208	NAM	30A, Split Ⓜ	5.8kW	Ⓜ	NEMA L14-30P	Ⓜ (12)5-20	8.5 m	AP7582	
		120/208	NAM	30A, Split Ⓜ	5.8kW	Ⓜ	NEMA L14-30P	Ⓜ (4)L5-30	8.5 m	AP7583	
		120/208	NAM	30A, Split Ⓜ	5.8kW	Ⓜ	NEMA L14-30P	Ⓜ (4)L6-30	8.5 m	AP7584	
		Vertical, 0U	400	EMEA, APJ, LAM, GCN	16A, 3Ⓜ	11kW	Ⓜ	IEC309-16A 3P+N+PE	Ⓜ (36)C13, (6)C19	1.0 m	AP7557
			400	EMEA, APJ, LAM, GCN	16A, 3Ⓜ	22kW	Ⓜ	IEC309-32A 3P+N+PE	Ⓜ (6)C19, (3)C13	1.8 m	AP7555A
			415	NAM	20A, 3Ⓜ	11.5kW	Ⓜ	IEC309-20A 3P+N+PE	Ⓜ (36)C13, (6)C19	1.0 m	AP7557NA
	Horizontal, 1U	400	EMEA, APJ, LAM, GCN	32A, 3Ⓜ	22kW	Ⓜ	IEC309-32A 3P+N+PE	Ⓜ (6)C19	2.4 m	AP7526	



AP9571A

# AP8000 Series Accessories

## Locking IEC output cords



LOCKING IEC POWER CORDS					
Cord Type 6 per pack	Straight		90 degree		Cord Length
C13 to C14 	AP8702S-NA	AP8702S-WW	AP8702R-NA	AP8702R-WW	0.6m (2ft)
	AP8704S-NA	AP8704S-WW	AP8704R-NA	AP8704R-WW	1.2m (4ft)
	AP8706S-NA	AP8706S-WW	AP8706R-NA	AP8706R-WW	1.8m (6ft)
C19 to C20 	AP8712S		AP8712R		0.6m (2ft)
	AP8714S		AP8714R		1.2m (4ft)
	AP8716S		AP8716R		1.8m (6ft)

90 deg packs include (3each) right & left angled cords  
 NA = CSA, UL Listed      WW = CCC, PSE, VDE

## Locking IEC input cords

NORTH AMERICAN INPUT CORDS FOR AP8858, AP8958, AP8959 (10 ft.)	
NEMA 5-15P to C19	AP8750
NEMA 5-20P to C19	AP8751
NEMA L5-20P to C19	AP8752
NEMA L6-20P to C19	AP8753
C20 to C19	AP8760





AP8758

INTERNATIONAL INPUT CORDS FOR AP8858, AP8958, AP8959 (10 ft.)	
PSE (Japan) L5-20P to C19	AP8752J
PSE (Japan) L6-20P to C19	AP8753J
Australia AS3112 to C19 (15A)	AP8754
Schuko (CEE 7) to C19	AP8755
UK (BS1363) to C19	AP8756
China (16A) to C19	AP8757
IEC309-16A to C19	AP8758
Bare wire (for field wire) to C19	AP8759
C20 to C19	AP8760

## Environmental Sensors



ENVIRONMENTAL SENSORS	
Temperature AP9335T	Temperature/Humidity AP9335TH
	



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