

6FT WHIP WITH L21-30P (NOT SHOWN)

MONITORED

CORDLOK



30A 120/208V 3PH

72" LENGTH

36-C13, 6-C19, 2-520R IN 3 GROUPS

A POWERLOK PL8303M-06C Description: 7 features needed to cross an rPDU

RACK PDU | MONITORED | 72" | 30A 120/208V 3PH (8.6 kW) | 36-C13, 6-C19, 2-520R | 6FT WHIP | L21-30P | CARBON | CORDLOK

- 1
- 2
- 3
- 4
- 5
- 6
- 7

An APC AP8865 Description: shows just 4 of 7 features in product description

APC Rack PDU, 2G, metered, 0U, 8.6kW, 208V, 36 C13, 6 C19, and 2 NEMA 5-20R sockets

- 1
- 2
- 3
- 4

AP8865 product description was obtained by:

Entering the manufacturer name & model into a web browser: **APC AP8865**
Choose the product link by the manufacturer, APC.

An APC AP8865 Specification Table: To obtain features not in the description

In addition to obtaining detail for 5, 6, 7, more detail is needed for 2 and 3.

Numbers match the PowerLOK description above.

Main		
Main Input Voltage	208 V 3 phase	3
Main Output Voltage	120 V 208 V	
Input Connection Type	NEMA L21-30P	6
Number of rack unit	0U	
Cable length	6 ft (1.83 m)	5
Input		
Line Rated Current	24 A	
Max line current	30 A	
Input current limits	30 A	3

Physical		
Color	Black	7
Height	70.51 in (179.1 cm)	2
Width	2.20 in (5.6 cm)	
Depth	1.81 in (4.6 cm)	
Net Weight	16.67 lb(US) (7.56 kg)	
Packing Units		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	#
Contractual warranty		
Warranty	2 years repair or replace	#

AP8865 MISSING FEATURES TO NOTE:

AP8865 Does not have cord locking.

AP8865 Only has a 2-yr warranty where PL8303M has a 7-yr warranty made possible by robotic soldering.

AP8865 Places only 1 PDU per package where POWERLOK places 4 PDUs per package and up to 96 PDUs per pallet.



An APC AP8865 Description: shows just 4 of 7 features in product description (cont.)

APC Rack PDU, 2G, metered, 0U, 8.6kW, 208V, 36 C13, 6 C19, and 2 NEMA 5-20R sockets

Main		Input	
Main Input Voltage	208 V 3 phase	Input current limits	30 A
Main Output Voltage	120 V 208 V	Physical	
Input Connection Type	NEMA L21-30P	Color	Black
Cable length	6 ft (1.83 m)	Height	70.51 in (179.1 cm)

Using the PDU Selector to Cross APC AP8865 to POWERLOK PL8303M-06C

A

PDU Types

BASIC | MONITORED OR METERED | UPGRADEABLE | SWITCHED | SWITCHED READY

Example to cross indicates Metered Input. (If Metered Output was indicated, that would be receptacle level monitoring.)
SPECIAL NOTE: APC uses 'Metered' for their Monitored Product. All other manufacturers use Monitored.

Selection to make:

BASIC

MONITORED

SWITCHED READY

B

Power Types

120V | 208/240V 1PH | 120/208V 3PH | 208/240V 3PH | 240/415V 3PH

Example to cross indicates 208V 3PH 30A Main Input & 120/208V Main Output.
SPECIAL NOTE: Methods of specifying power can sometimes be confusing. From the AP8865 specification we get 120/208V 3PH.

Selection to make:

120V

120/208V 3PH

208/240V 1PH

208/240V 3PH

240/415V 3PH

Plug Type Notes

Example to cross indicates L21-30P for Input Connection Type.
SPECIAL NOTE: Input Connection Type is equivalent to 'Plug Type'.

ADDITIONAL NOTES ON PLUGS:

- Many PDUs can use a NEMA or an IEC 309 pin & sleeve plug.
- IEC 309 plugs can be splashproof or watertight.
- Plug type always determines power type. If you have the plug type, you know the power type.
- The wrong plug type is the number one cause of rPDU returns in the industry.



Power Type, Plug & kW Table

120V			120/208V 3PH			208/240V 1PH			208/240V 3PH			240/415V 3PH		
Amps	Plug	kW	Amps	Plug	kW	Amps	Plug	kW	Amps	Plug	kW	Amps	Plug	kW
20A	L5-20P	1.9	20A	L21-20P	5.7	20A	L6-20P	3.3	30A	L15-30P	10.0	20A	L22-20P	11.5
30A	L5-30P	2.9	30A	L21-30P	8.6	30A	L6-30P	5.0	35A	CS8365C	11.2	30A	L22-30P	17.2
						60A	IEC 309	10.0	50A	CS8365C	14.4	60A	560P6	34.5
									60A	460P9	17.2	100A	5100P6	57.5
									100A	4100P9	28.8	125A	5125P6	71.9
									120A	4120P9	34.6			
Always NEMA			Typically NEMA IEC 309 Option			NEMA for 208/240V IEC 309 for 230V			NEMA & CS Style IEC 309 for 60-120A			NEMA Common for 20/30A IEC 309 for 60-125A		

An APC AP8865 Description: shows just 4 of 7 features in product description (cont.)

APC Rack PDU, 2G, metered, 0U, 8.6kW, 208V, 36 C13, 6 C19, and 2 NEMA 5-20R sockets

Main		Input	
Main Input Voltage	208 V 3 phase	Input current limits	30 A
Main Output Voltage	120 V 208 V	Physical	
Input Connection Type	NEMA L21-30P	Color	Black
Cable length	6 ft (1.83 m)	Height	70.51 in (179.1 cm)

Using the PDU Selector to Cross APC AP8865 to POWERLOK PL8303M-06C

C

Amperage

20A | 30A | 35A | 50A | 60A | 100A | 125A

Example to cross indicates Input current limits which is the same as Input Current or Amperage.

Selection to make:

20A

30A

35A

50A

60A

100A

125A

D

PDU Size

2U | 24" | 36" | 41" | 72" | 77" | 82"

Example to cross indicates Height of 70.51" which we interpret as length based on the large number.

SPECIAL NOTE: 72" POWERLOK PDUs fit all 42U racks due to the input cable located on the angled face of the PDU.

Selection to make:

2U

24"

36"

41"

72"

77"

82"

E

PDU Results Table

Example to cross indicates Black color, 36-C13, 6-C19 & 2-520R receptacles, and a 6 ft Cable length.

SPECIAL NOTE: Although not shown in the table, the cross has 2-5-20R and is represented in the product description and specification.

Selection to make:

Results: Select model below to access product page

RACK PDU, MONITORED, 72", 30A 120/208V 3PH (8.6 KW), L21-30P, CORDLOK

Receptacle Group	CARBON		RED		WHITE		BLUE	
	6 FT Whip	10 FT Whip	6 FT Whip	10 FT Whip	6 FT Whip	10 FT Whip	6 FT Whip	10 FT Whip
48-C13	PL8301M-06C	PL8301M-10C	PL8301M-06R	PL8301M-10R	PL8301M-06W	PL8301M-10W	PL8301M-06B	PL8301M-10B
36-C13 & 6-C19	PL8303M-06C	PL8303M-10C	PL8303M-06R	PL8303M-10R	PL8303M-06W	PL8303M-10W	PL8303M-06B	PL8303M-10B

PL8303M-06C Product Description

Rack PDU, Monitored, 72", 30A 120/208V 3PH (8.6 kW), 36-C13, 6-C19, 2-5-20R, 6FT Whip, L21-30P, Carbon, CORDLOK