

8700-8800 SERIES 208/240V

Power

- 20A 240/415V WYE 3PH
- 30A 240/415V WYE 3PH
- 60A 240/415V WYE 3PH
- Up to 34 kW's

Basic, Monitored, and Switched Ready models available in 3-5 days. Visit our online PDU Selector to browse over 1600 models.

Capability

- Slim profile and angled whip entry
- Superior cord locking using your cords
- 0.5% monitoring accuracy
- Advanced switching technology

Reliability

- Build-to-order in the USA
- TAA compliant, UL62368-1, CSA C22.2
- 100% robotically soldered connections
- 10 kAIC magnetic hydraulic breakers



Colors readily available

Choose red, white, blue and carbon and have built-to-order in 3-5 weeks. Minimum order 12 (6+6) colored units required.



Slim profile in 72" and 82" vertical lengths with angled whip entry. 77" available on request.

PDU Accessories for Monitored and Switched Ready Models

SwitchLok

- Add Switching Cords as needed
- Switching relay in-line with cord
- Allows PDU to retain slim profile
- Easily join PDUs for A/B switching



Patented switching technology

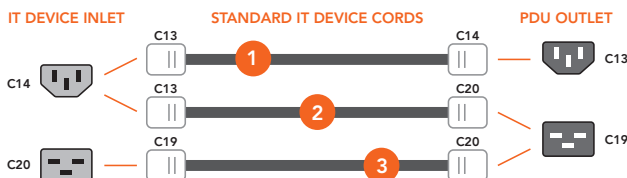
EnviroLok

- 0.2C temperature and 2% Rh accuracy
- Magnetic or velcro attachment
- Daisy chain 4 sensors per PDU
- Only 1.4in x 1.4in x .81in size
- Low power over supplied cable
- Battery-less sensors

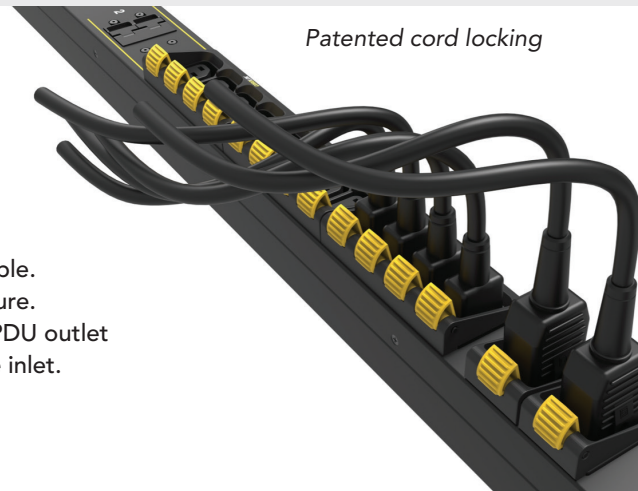


Secure your IT device cords to PowerLok

PowerLok's customers use standard IEC outlets and don't use C13/C19 combination outlets. PowerLok's secure locking plus industry leading 7-yr warranty provides the best reliability. Securely lock to 100% robotically soldered IEC receptacles using 3 standard IEC cords for all IT devices.



Keep it simple.
Keep it secure.
PowerLok PDU outlet to IT device inlet.



Patented cord locking

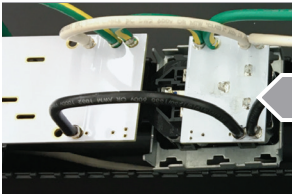
24", 36", 41" models available in 30–35A.
 2U, 72", 82" models available in 30–80A.

Improved access to equipment in power dense racks

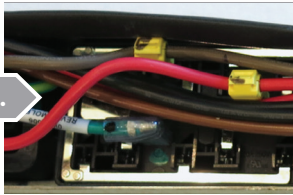
Slim profile to 60A allows more power per rack.
 Vertical stack 20–30A lengths | 24", 36", 41" to make 72" (42U) or 82" (48U).
 Angled whip exits away and won't obstruct your IT devices.



Cord locking feature adds 0.9" of height



PowerLok® Secure
 Robotically crimped
 and soldered.



Quick to overheat and fail
 Hand-work mechanical
 terminations.

VS.

Reliability at all power levels

100% robotically soldered connections from line input to every receptacle provides the greatest reliability.

Evaluated to be 3X less likely to experience power connection failure. Independent study done by Steve Fairfax, mtechnology.

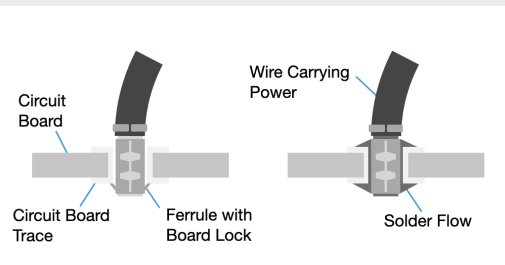
Advanced testing and quality

PowerLok's patented design and construction makes it possible to offer an industry leading 7-year Warranty.



- 100% Robotically soldered.
- Poor termination methods eliminated.
- 17 Quality procedures for every PDU.
- Fully automated production testing.
- TAA and Built-to-order in the USA.

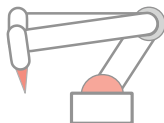
Machine applied wire ferrules and soldered contact points. Half the connections versus typical PDUs.



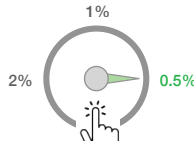
Slim Profile for 100/120A
 Only 2.9" x 2.9"



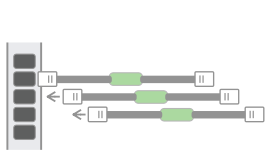
Reliable Cord Locking
 Using standard cords



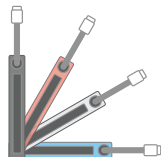
Robotically Soldered
 Line input to every outlet



0.5% Monitoring Accuracy
 And a buttonless touch-screen



Scalable Switching
 Add switching cords when needed



Choose Colors
 At no additional cost

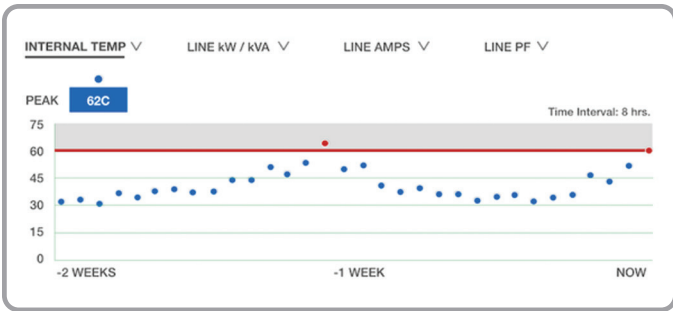


Industry Leading
 7-year warranty



Fast-Response PDUs
 Build-to-order in 3–5 Days

Advantages you don't find on other PDUs



Know your PDU internal temperatures for high-heat racks

PDU internal temperature monitoring is standard on every intelligent PDU. For rack temperature and humidity monitoring add a 2, 3, or 4 pack of EnviroLok sensors.

PowerLok PDUs also allows you to daisy chain Ethernet connections for up to 16 units.



MAIN

AMPS	POWER
1A 12.2	TOTAL KW 15.4
1B 11.8	
2A 10.3	
2B 10.5	TOTAL KVA 16.0
3A 10.8	
3B 11.2	

GROUP

kW	kVA
1A 2.87	2.93
1B 2.75	2.83
2A 2.38	2.45
2B 2.42	2.50
3A 2.45	2.58
3B 2.57	2.68

LINE

AMPS	kW	PF
A 24.0	5.62	0.98
B 20.8	4.80	0.97
C 22.0	5.02	0.95

PF / VOLTS

PF	VOLTS
1A 0.98	A/1A&B 240
1B 0.97	B/2A&B 238
2A 0.97	
2B 0.97	C/3A&B 239
3A 0.95	
3B 0.96	

SETTINGS

Alarm Thresholds

Primary Only 80%

Primary Redundant 40%

Primary Redundant 45%

Rotate Display

ADMIN

Serial Number: 20001190001

Firmware Ver: 1.0.0

Boot Load Ver: 1.10.2

IP Address: 198.168.2.100

MAC Address: E0:1B:23:CD:45

Hardware Ver: 1.2.3

Internal Temp: 37C

Increase monitoring accuracy with 0.5% precision

PowerLok has a more advanced and reliable total monitoring solution not found on legacy PDUs. The latest technology chip sets and a fully-functional touch screen display ensure a more reliable product that is backed by a 7-year warranty.

PowerLok is designed to be completely silent in your facility—allowing your management software to collect PowerLok's high precision power data when needed.

Visualize power with historical graphing

Monitoring Accuracy

Voltage +/- 0.5% at nominal current within 0.5% from 1A to 30A. +/-1% from 500mA to 1A.

Aggregate (kWh, W, VA) plus Phase

A, B, C line currents, plus group:
1, 2, 3 Monitoring (kWh, W, VA, V, A).

Network Applications

HTTP/HTTPS, SNMP-V1/V2c/V3 network management.

Network Interface and Transport

Ethernet RJ45 and TCP/IP v4, v6, daisy chain up to 16 PDU capability.

POWERLOK Rating: 20A 208V 3PH Friendly Name: RACK D112-A PD

PowerLok Summary

TOTAL kW / kVA	7.54 / 8.54
INTERNAL TEMP	41 C
SENSOR A TEMP / Rh	72 F / 38%
SENSOR B TEMP / Rh	71 F / 37%
SENSOR C TEMP / Rh	68 F / 35%
SENSOR D TEMP / Rh	98 F / 42%

EnviroLok Historical Graphs / Log

Levels over past two week period

TEMPERATURE

PEAK	A	B	C	D	ΔT
NOW	72 F	71 F	72 F	108 F	31 F
COMPRE	72 F	62 F	72 F	107 F	35 F

HUMIDITY (RH)

PEAK	A	B	C	D
NOW	65	64	65	71
COMPRE	62	61	62	70

Industry leading 0.2C temperature and 2% relative humidity accuracy.

PDUs when you need them

Automated build-to-order TAA compliant PDUs made in the USA. Contact us for BAA compliant PDUs.

Fast-Response Models

PDUs in every power type that ship in 3–5 days.

70+ Fast-Response PDUs

Select Models

Choose between colors, receptacle configurations and 24" to 82" lengths that ship in 3–5 weeks.

1,400+ Select Model PDUs

Build Models

Choose other unit lengths, whip lengths, plug types, receptacles and colors that ship in 8–10 weeks.

10,000+ Build Model PDUs