

## 8100-8300 SERIES 120/208V

### Power

- 20A 120V
- 30A 120V
- 20A 208V 1PH
- 30A 208V 1PH
- 20A 120/208V WYE 3PH
- 30A 120/208V WYE 3PH
- Up to 8.6 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

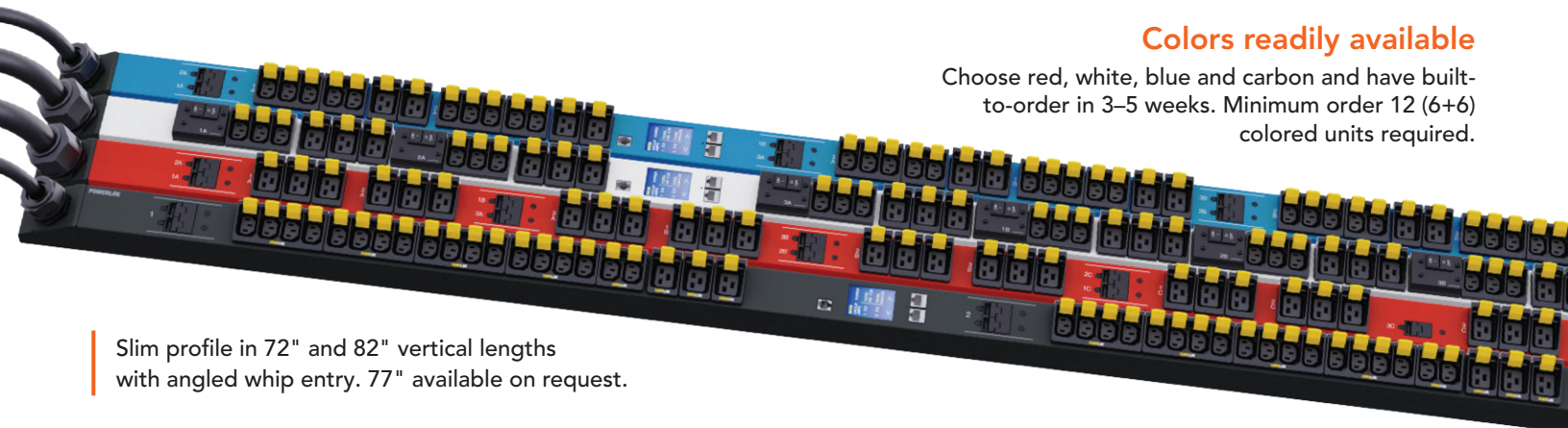
### Reliability

- 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.

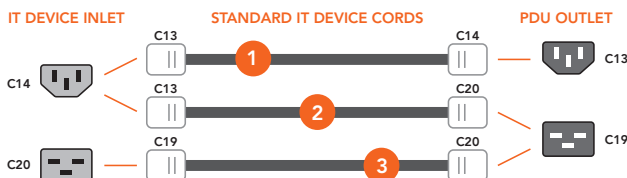
### Horizontal mount PDUs

Basic, Monitored, and Switched Ready models in 120V 1PH to 208V 3PH.



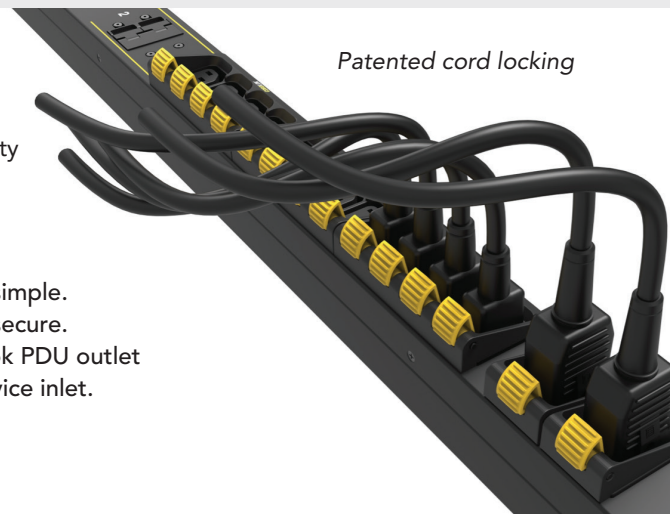
### Secure your IT device cords to PowerLok

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.



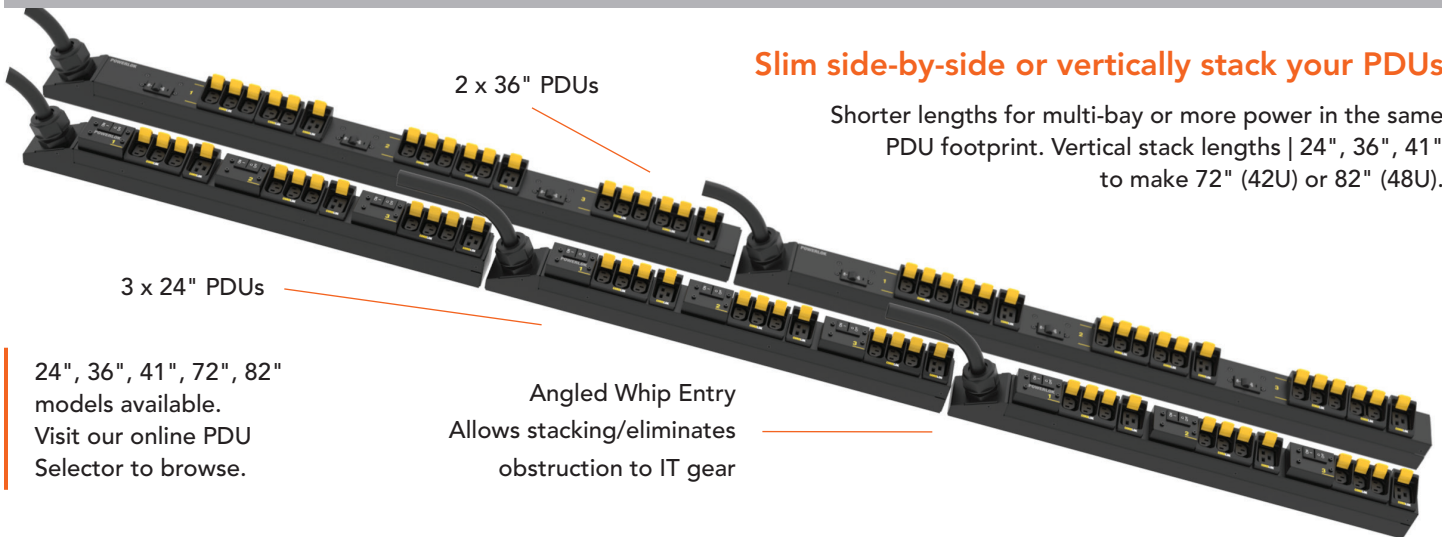
Keep it simple.  
Keep it secure.  
PowerLok PDU outlet  
to IT device inlet.

Patented cord locking



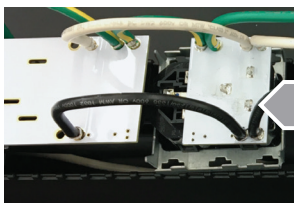
## Slim side-by-side or vertically stack your PDUs

Shorter lengths for multi-bay or more power in the same PDU footprint. Vertical stack lengths | 24", 36", 41" to make 72" (42U) or 82" (48U).

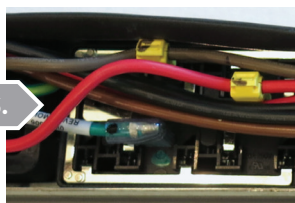


24", 36", 41", 72", 82" models available. Visit our online PDU Selector to browse.

Angled Whip Entry  
Allows stacking/eliminates obstruction to IT gear



**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.

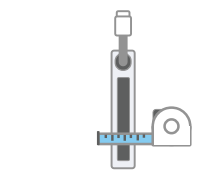
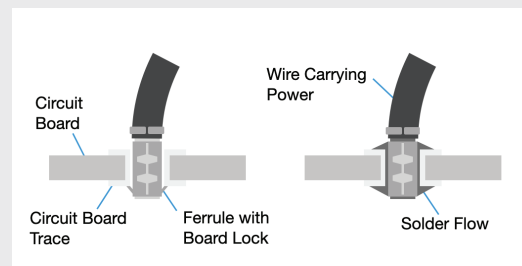
## Advanced testing and quality

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.

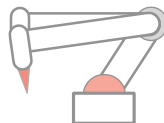
Machine applied wire ferrules and soldered contact points. Half the connections versus typical PDUs.



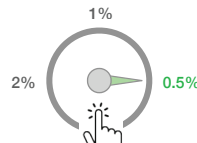
**Slim Profile for 100/120A**  
Only 2.9" x 2.9"



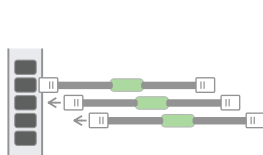
**Reliable Cord Locking**  
Using standard cords



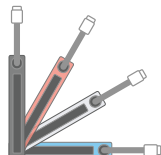
**Robotically Soldered**  
Line input to every outlet



**0.5% Monitoring Accuracy**  
And a buttonless touch-screen



**Scalable Switching**  
Add switching cords when needed



**Choose Colors**  
At no additional cost

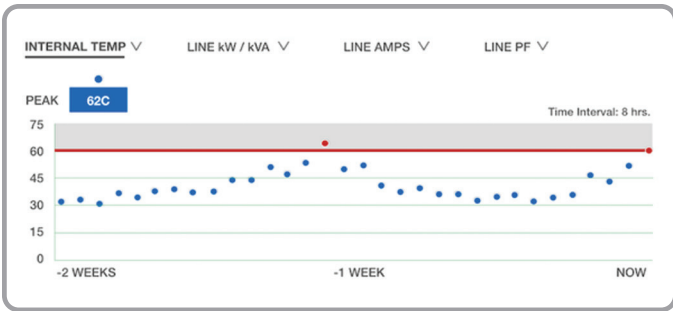


**Industry Leading**  
7-year warranty



**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		GROUP		LINE		
AMPS	POWER	kW	kVA	AMPS	kW	PF
1A 12.2	TOTAL kW 15.4	1A 2.87	2.93	A 24.0	5.62	0.98
1B 11.8		1B 2.75	2.83	B 20.8	4.80	0.97
2A 10.3		2A 2.38	2.45	C 22.0	5.02	0.95
2B 10.5	TOTAL kVA 16.0	2B 2.42	2.50			
3A 10.8		3A 2.45	2.58			
3B 11.2		3B 2.57	2.68			

PF / VOLTS		SETTINGS		ADMIN	
PF	VOLTS	Alarm Thresholds		Serial Number: 20001190001	
1A 0.98	A/1A&B 240	Primary Only 80%	<input checked="" type="radio"/>	Firmware Ver: 1.0.0	20001190001
1B 0.97	B/2A&B 238	Primary Redundant 40%	<input type="radio"/>	Boot Load Ver: 1.10.2	198.168.2.100
2A 0.97	C/3A&B 239	Primary Redundant 45%	<input type="radio"/>	IP Address:	198.168.2.100
2B 0.97		Rotate Display	<input checked="" type="radio"/>	MAC Address:	ED:1B:23:CD:45
3A 0.95				Hardware Ver: 1.2.3	Internal Temp: 37C
3B 0.96					

## 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.

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