POWERLOK®

MADE IN THE USA

7 Year Warranty **POWERLOK**

8400–8600 SERIES 208/240V

Power

- 30A 208/240V DELTA 3PH
- 35A 208/240V DELTA 3PH
- 50A 208/240V DELTA 3PH
- 60A 208/240V DELTA 3PH
- 80A 208/240V DELTA 3PH
- Up to 17.2 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

TAA COMPLIANT

TÜV Rheinland of North America Inc. US

ISO

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
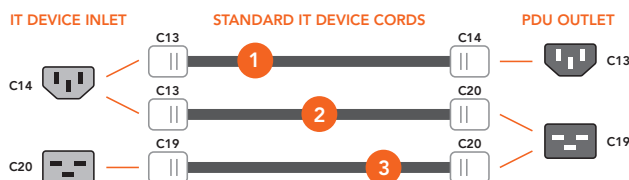
Patented switching technology

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.

Patented cord locking

IT DEVICE INLET	STANDARD IT DEVICE CORDS	PDU OUTLET
C14	C13 — 1 — C14	C13
	C13 — 2 — C20	
C20	C19 — 3 — C20	C19

Keep it simple. Keep it secure. PowerLok PDU outlet to IT device inlet.
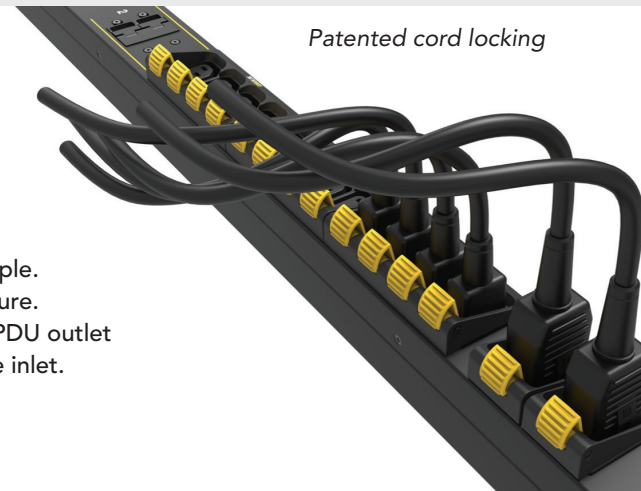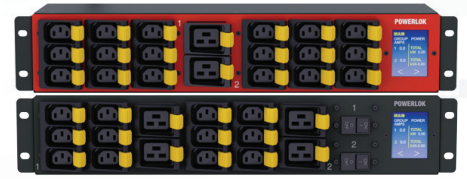
Improved access to equipment in power dense racks

Slim profile to 80A allows more power per rack.
Vertical stack 30–35A lengths | 24", 36", 41" to make 72" (42U) or 82" (48U).
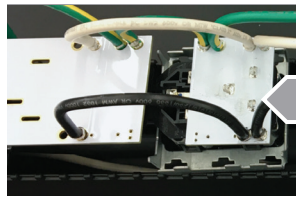Angled whip exits away and won't obstruct your IT devices.

2.18"

2.0"
Cord locking feature adds 0.9" of height

2U horizontal rack mount units available

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

PowerLok® Secure
Robotically crimped and soldered.

VS.
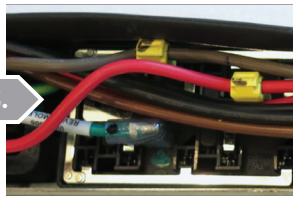
Quick to overheat and fail
Hand-work mechanical terminations.

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.

7 Year Warranty POWERLOK

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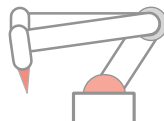- TAA and Built-to-order in the USA.

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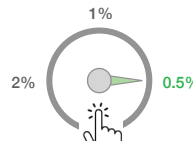
Circuit Board

Wire Carrying Power

Circuit Board Trace

Ferrule with Board Lock

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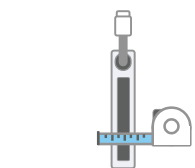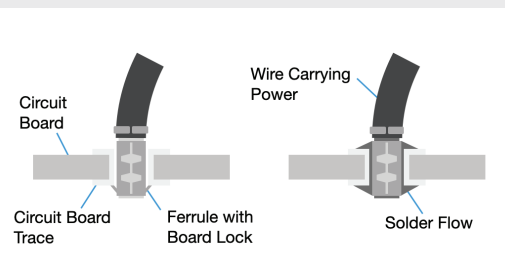
Slim Profile for 100/120A
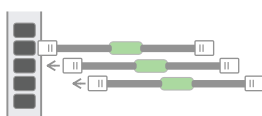Only 2.9" x 2.9"

Reliable Cord Locking
Using standard cords

Robotically Soldered
Line input to every outlet

1%

2%

0.5%

0.5% Monitoring Accuracy
And a buttonless touch-screen

Advantages you don't find on other PDUs

Scalable Switching
Add switching cords when needed
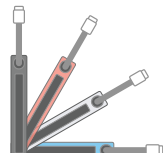
Choose Colors
At no additional cost

7 Year

Industry Leading
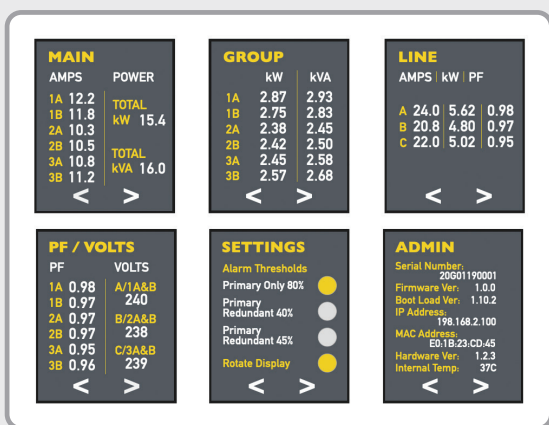7-year warranty

Fast-Response PDUs
Build-to-order in 3–5 Days
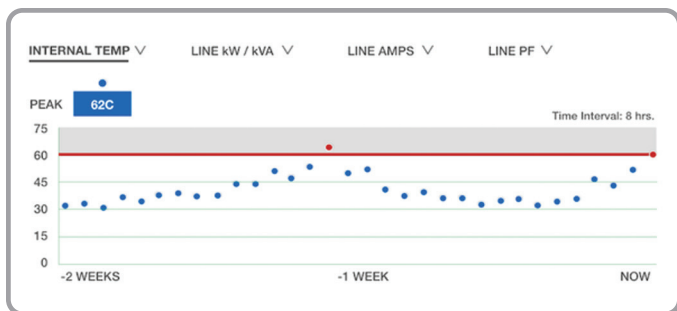
Know your PDU internal temperatures for high-heat racks

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.

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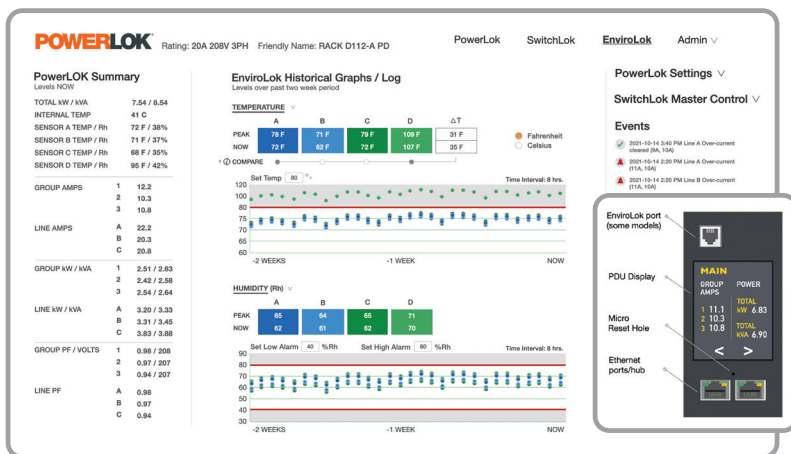
Aggregate (kWh, W, VA) plus Phase
A, B, C line currents, plus group:
1, 2, 3 Monitoring (kWh, W, VA, V, A).

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