

8400-8600 SERIES |  
208/240V

POWERLOK DATASHEET

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, & 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 from 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" & 82" vertical lengths with angled whip entry. 77" available on request.

PDU Accessories for Monitored & Switched Ready Models

ENVIROLOK

- 0.2C temperature & 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



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

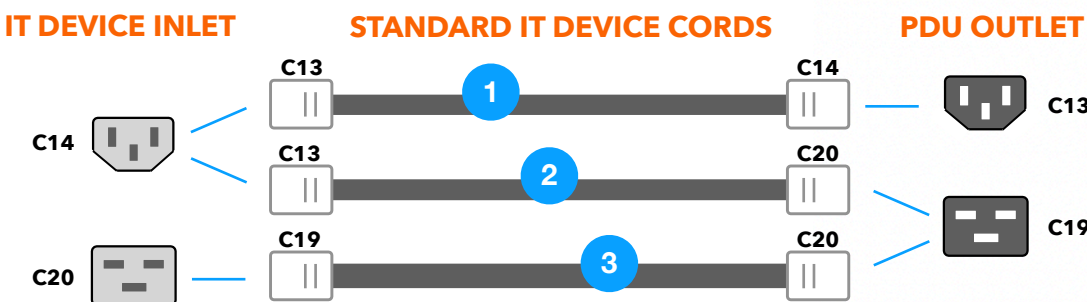


Patented switching technology

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.

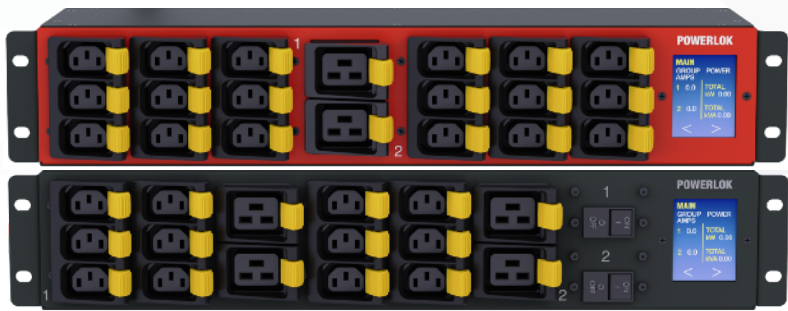


Patented cord locking



# 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.

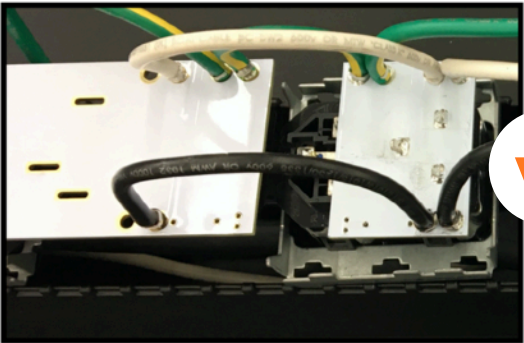


2U horizontal rack mount units available.

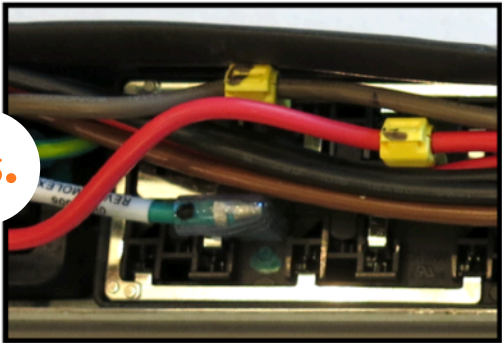


24", 36", 41" models available in 30-35A.  
2U, 72", 82" models available in 30-80A.

Patented design and construction



**PowerLOK Secure**  
Robotically crimped and soldered.



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

vs.

## Reliability is critical at these 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.

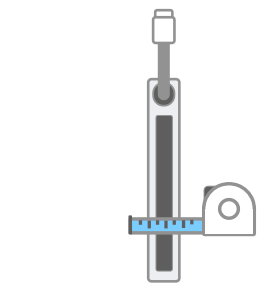
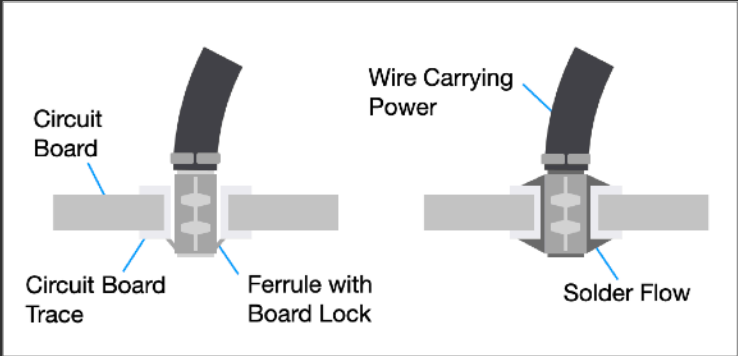
## Advanced testing & quality

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 & Built-to-order in the USA.

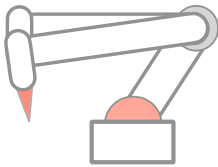
Machine applied wire ferrules & soldered contact points. Half the connections versus typical PDUs.



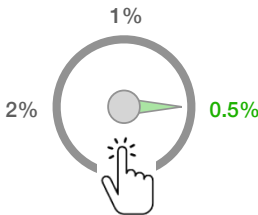
**Slim Profile for 100/125A**  
Only 2.9" x 2.9"



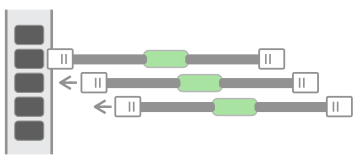
**Reliable Cord Locking**  
Using standard cords



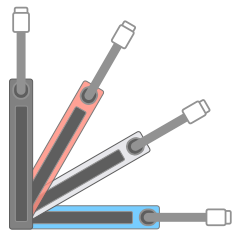
**Robotically Soldered**  
Line input to every outlet



**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

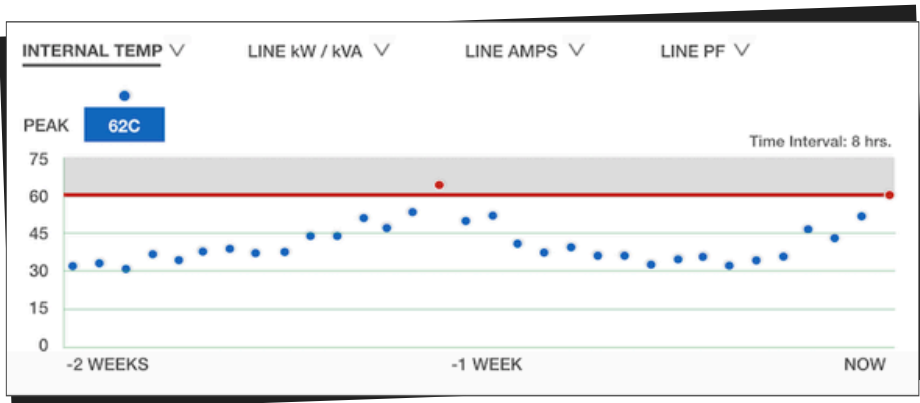


**Fast-Response PDUs**  
Build-to-order in 3-5 Days

## Advantages you don't find on other PDUs

Gateview Technologies, Inc., 2024

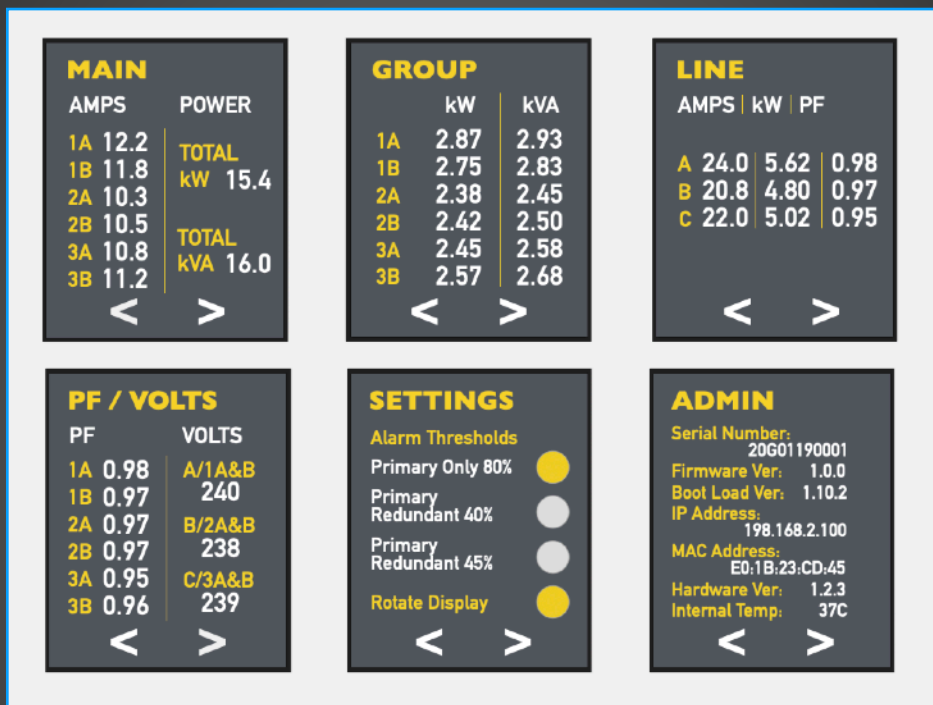




## Know your PDU internal temperatures for high-heat racks

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 allow you to daisy chain Ethernet connections for up to 16 units.



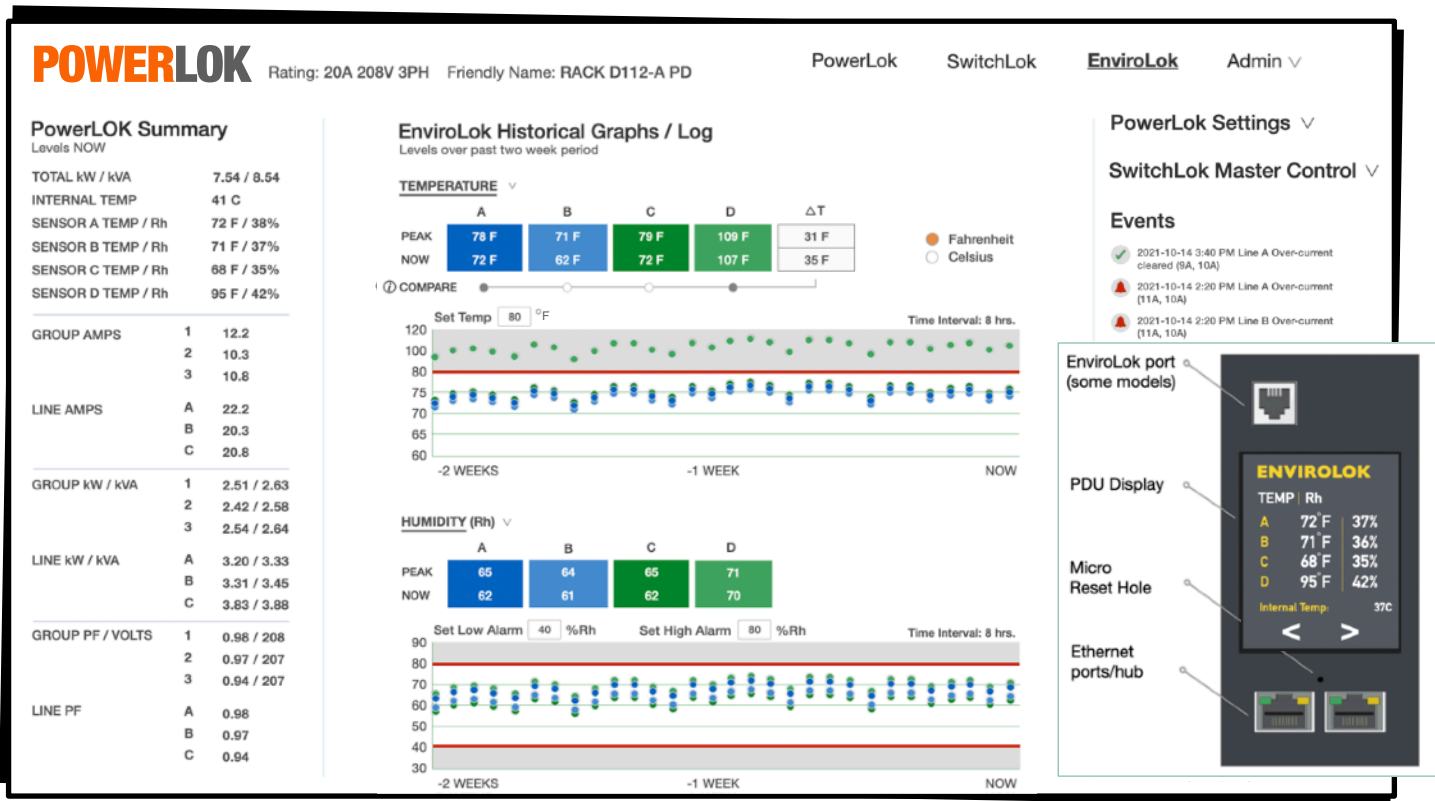
## Increase monitoring accuracy with 0.5% precision for higher power

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 PowerLOKs' 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 & Transport:**  
Ethernet RJ45 & 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