

8100-8300 SERIES |
120/208V

POWERLOK DATASHEET

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, & Switched Ready models available in 3-5 days. Visit our online PDU Selector to browse over 1400 models.

Capability

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

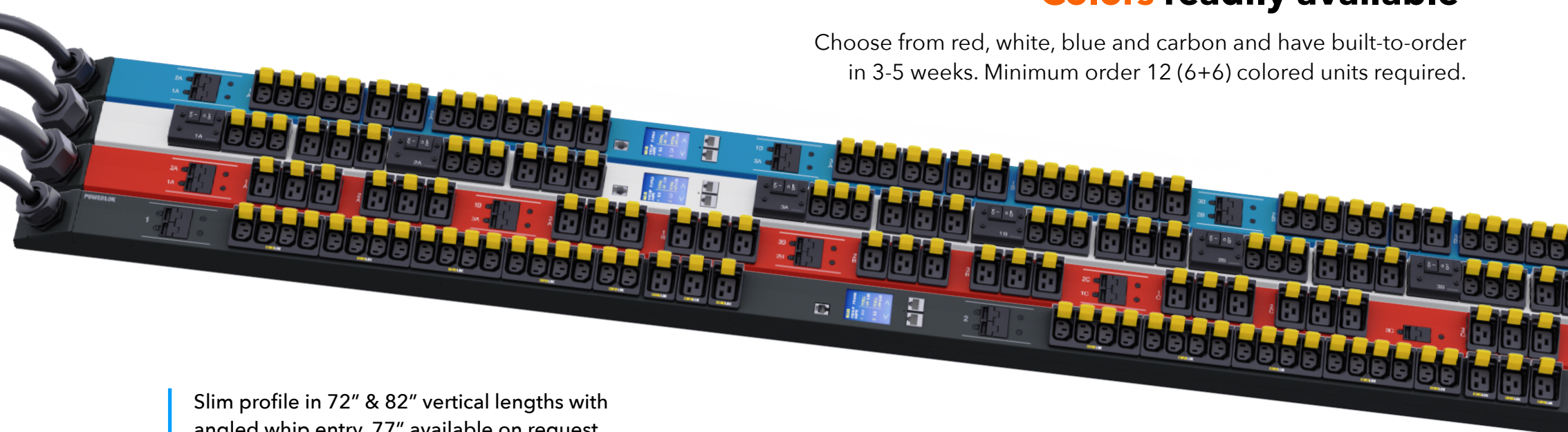
Reliability

- 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

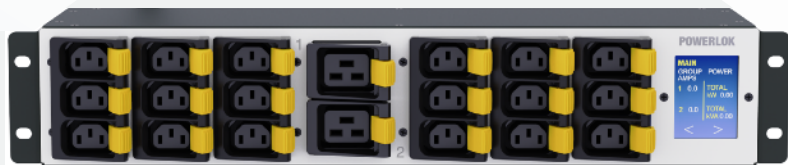
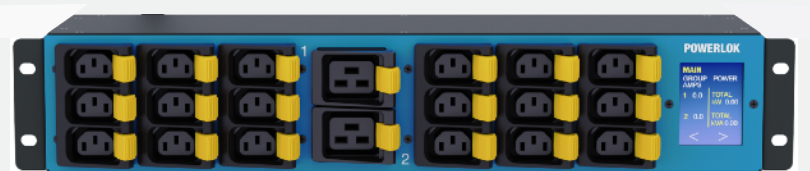
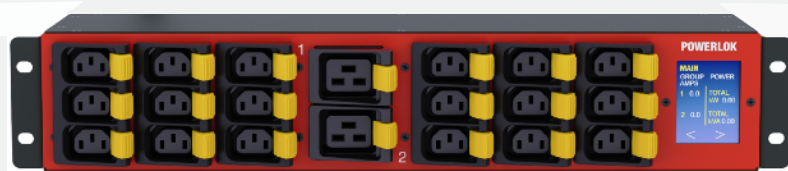
Choose from red, white, blue and carbon and have built-to-order in 3-5 weeks. Minimum order 12 (6+6) colored units required.



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

Horizontal mount PDUs

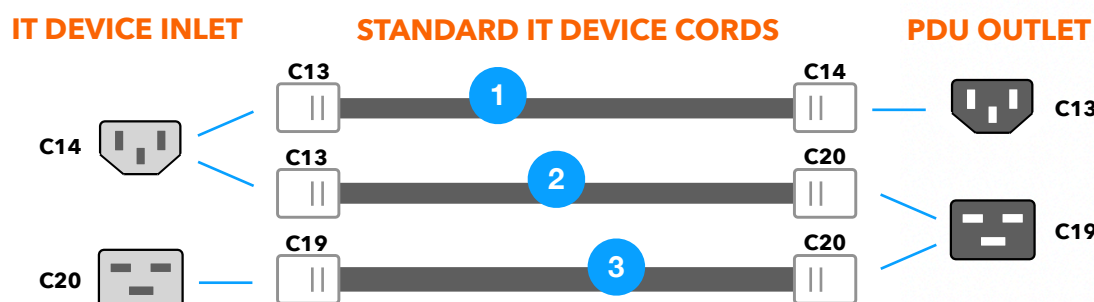
Basic, Monitored, & Switched Ready models in 120V 1PH to 208V 3PH.



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.



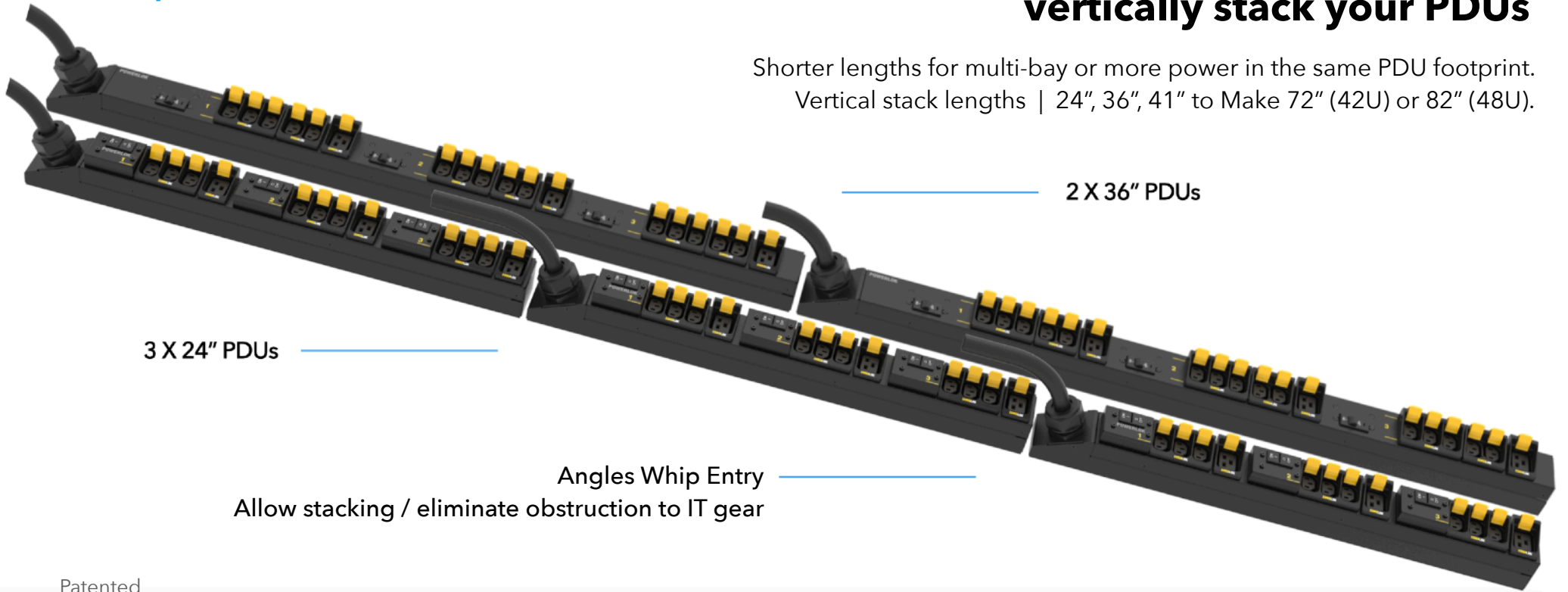
Patented cord locking



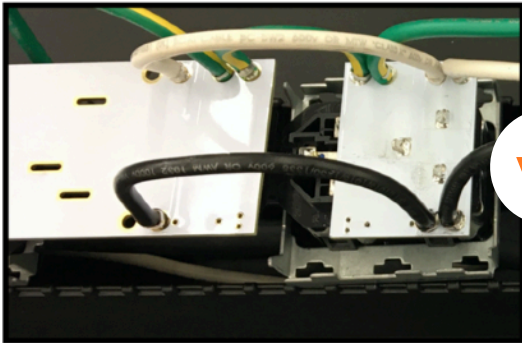
24", 36", 41", 72", 82" models available.
Visit our online PDU Selector to browse.

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).

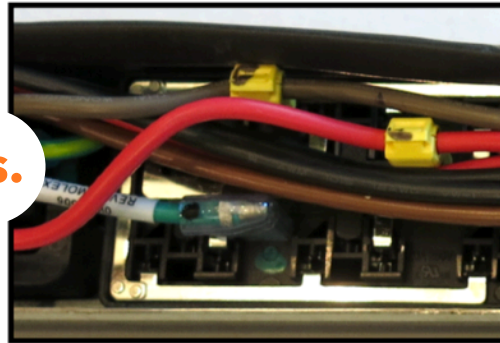


Patented



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.

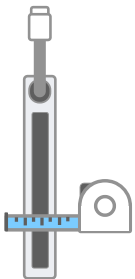
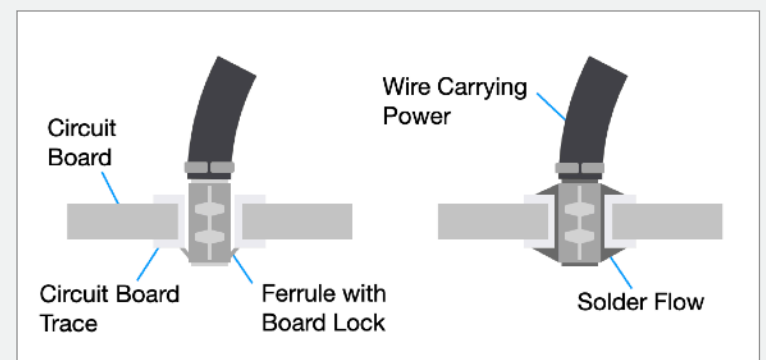
Advanced testing & quality

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.

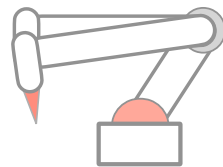
Machine applied wire ferrules & soldered contact points. Half the connections versus typical PDUs.



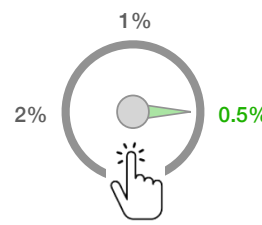
Slim Profile for 100/120A
Only 2.9" x 2.9"



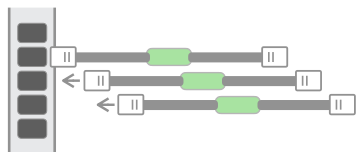
Reliable Cord Locking
Using standard cords



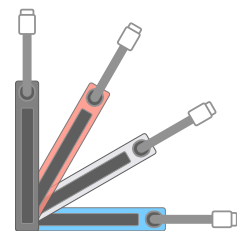
Robotically Soldered
Line input to every outlet



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



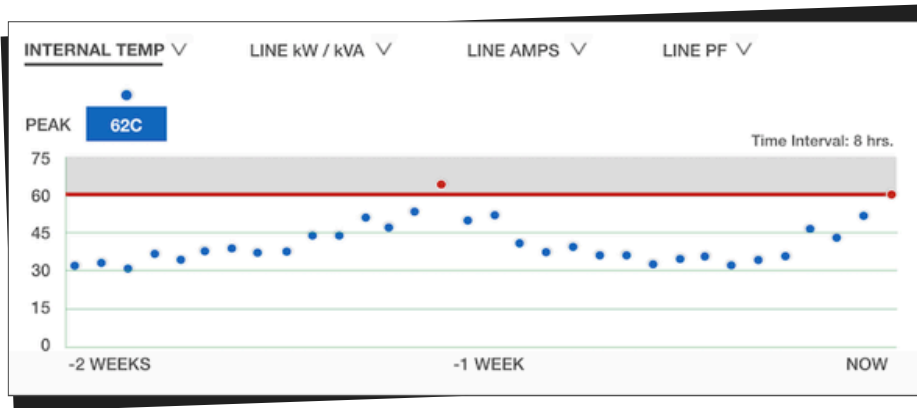
Fast-Response PDUs
Build-to-order in 3-5 Days

Advantages you don't find on other PDUs

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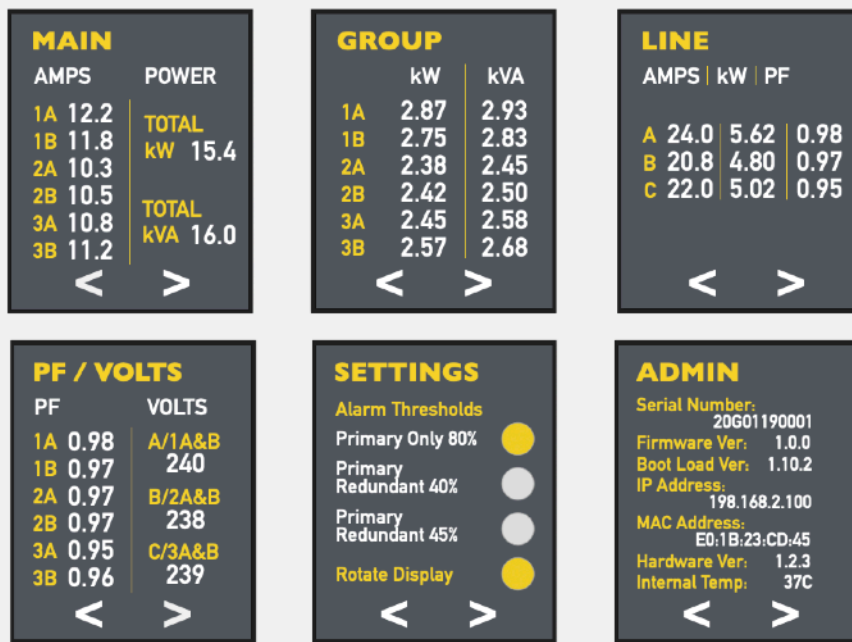
Sample Client List



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.



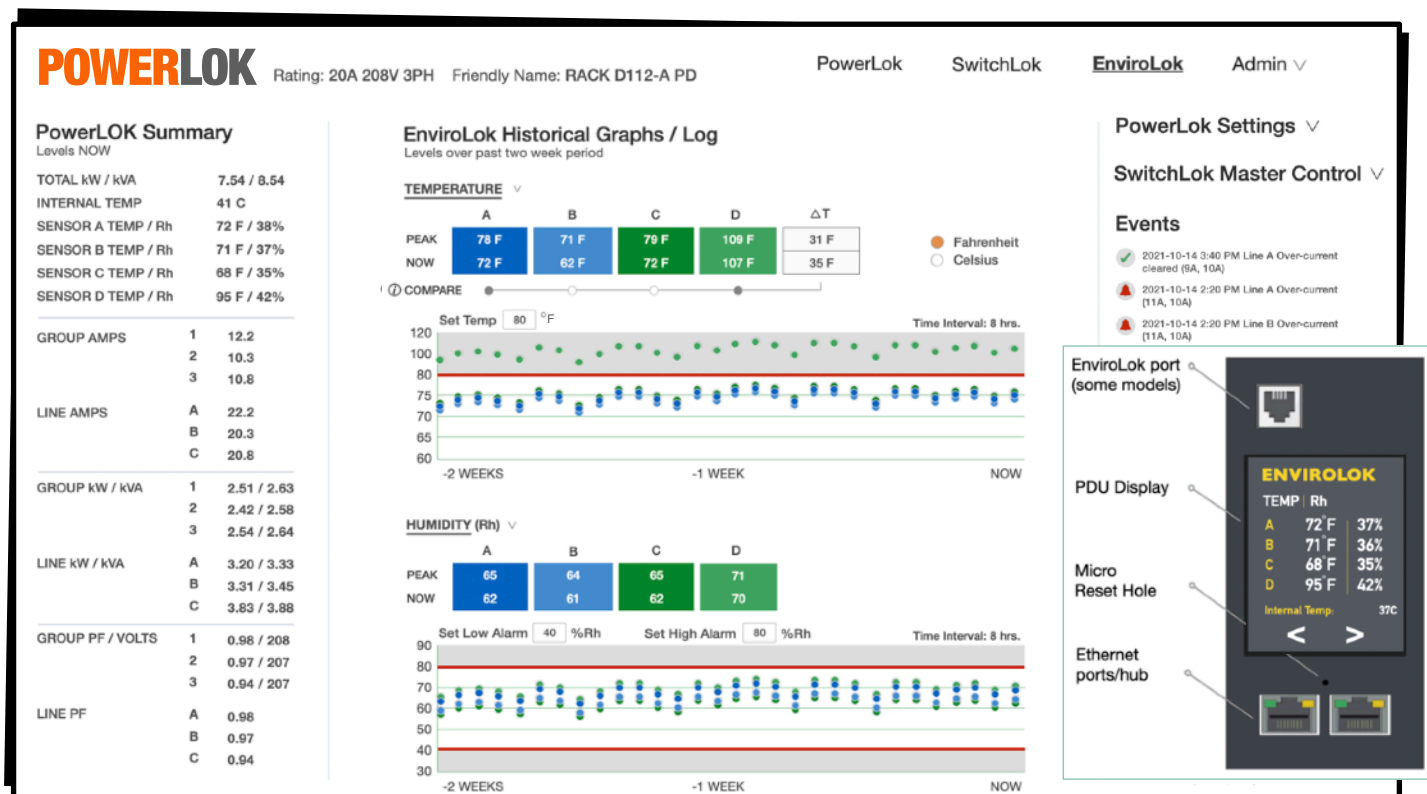
Increase monitoring accuracy with 0.5% precision

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