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 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

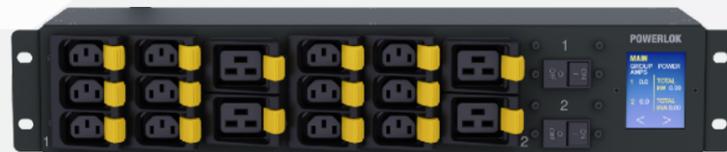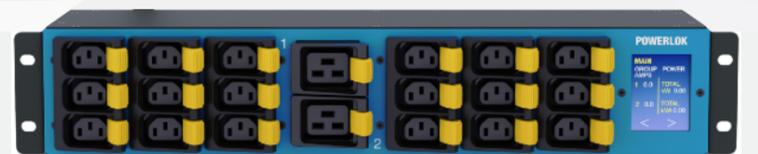**TAA COMPLIANT**

ISO

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.
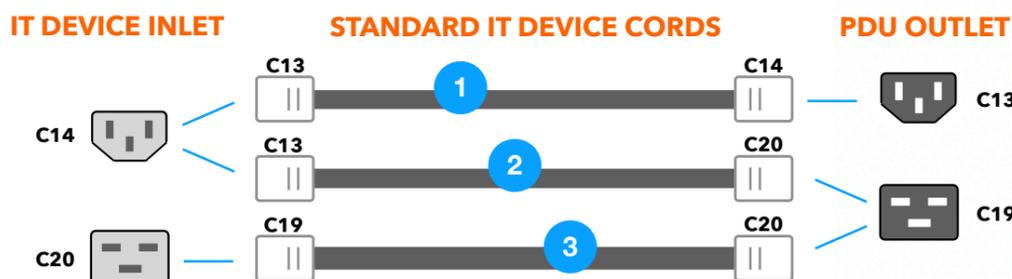
Horizontal mount PDUs

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.

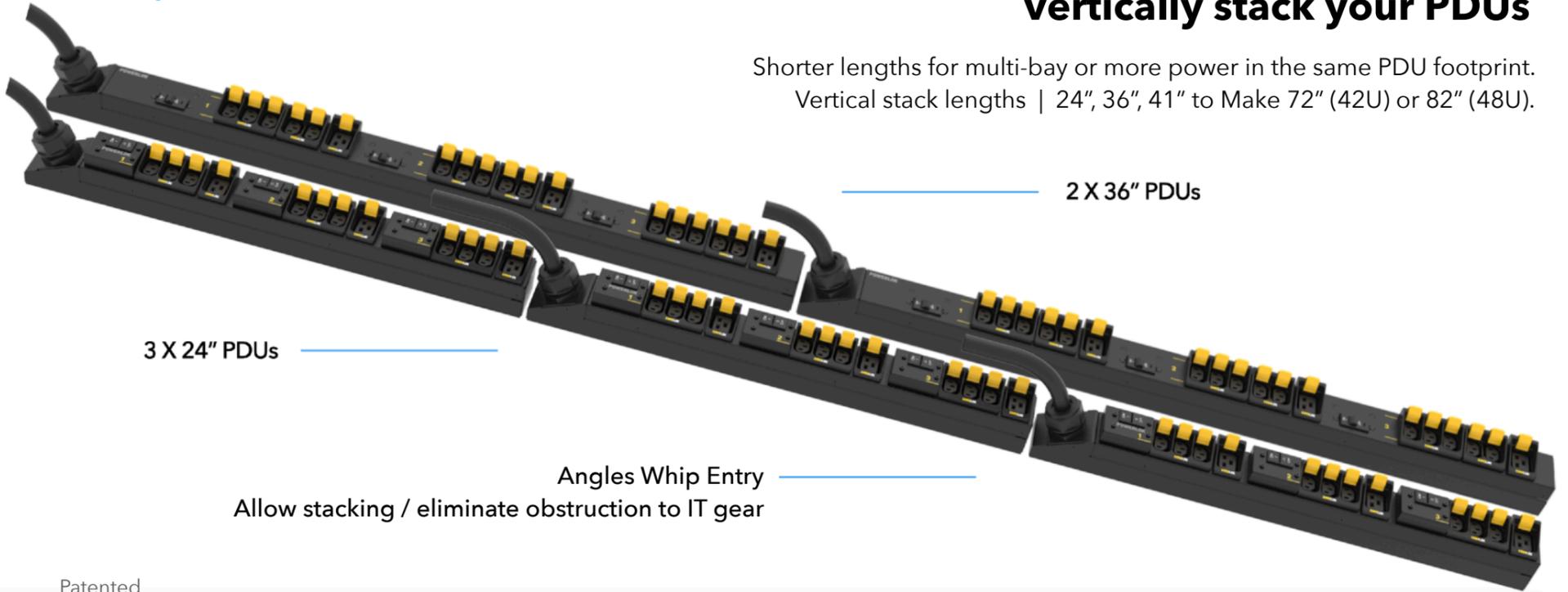Keep it simple. Keep it secure. PowerLOK PDU outlet to IT device inlet.
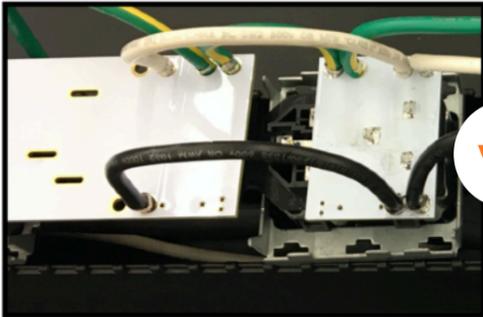
Patented cord locking

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

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.
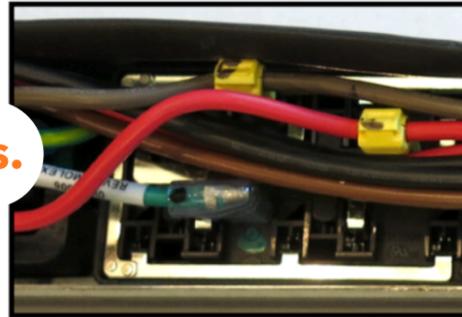Vertical stack lengths | 24", 36", 41" to Make 72" (42U) or 82" (48U).

2 X 36" PDUs

3 X 24" PDUs

Angles Whip Entry
Allow stacking / eliminate obstruction to IT gear

Patented

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 & quality

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

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

7 Year Warranty POWERLOK

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

Circuit Board

Wire Carrying Power

Circuit Board Trace

Ferrule with Board Lock

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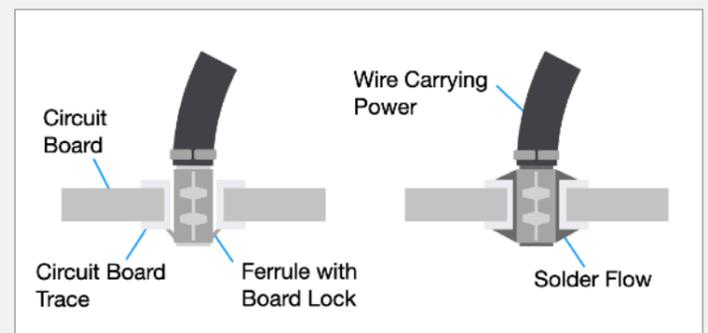
Slim Profile for 100/120A
Only 2.9" x 2.9"

Reliable Cord Locking
Using standard cords
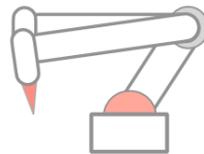
Robotically Soldered
Line input to every outlet

1%
2%   0.5%
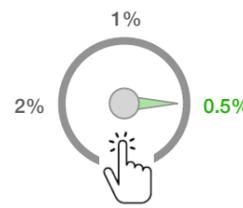
0.5% Monitoring Accuracy
And a buttonless touch-screen

Advantages you don't find on other PDUs
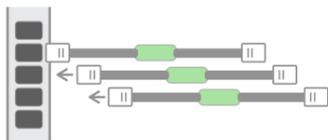
Scalable Switching
Add switching cords when needed
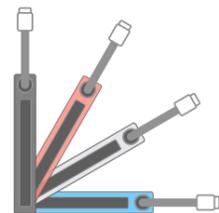
Choose Colors
At no additional cost

7 Year
Industry Leading
7-year warranty

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

IONOS   DELL   Desjardins   NTT   verizon✓   LOCKHEED MARTIN   FIFTH THIRD BANK   Microsoft
Cyxtera   IBM   dish NETWORK

Sample Client List
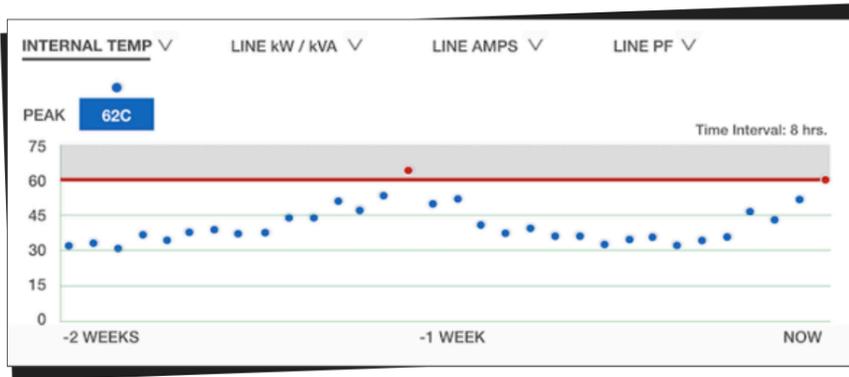
Know your PDU internal temperatures for high-heat racks

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.

INTERNAL TEMP ⌄   LINE kW / kVA ⌄   LINE AMPS ⌄   LINE PF ⌄

PEAK   62C   Time Interval: 8 hrs.

| | -2 WEEKS | -1 WEEK | NOW |

75 / 60 / 45 / 30 / 15 / 0

MAIN			GROUP			LINE		
AMPS	POWER			kW	kVA		AMPS | kW | PF	
1A 12.2	TOTAL		1A	2.87	2.93	A 24.0	5.62	0.98
1B 11.8	kW 15.4		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		2B	2.42	2.50			
3A 10.8	kVA 16.0		3A	2.45	2.58			
3B 11.2			3B	2.57	2.68			

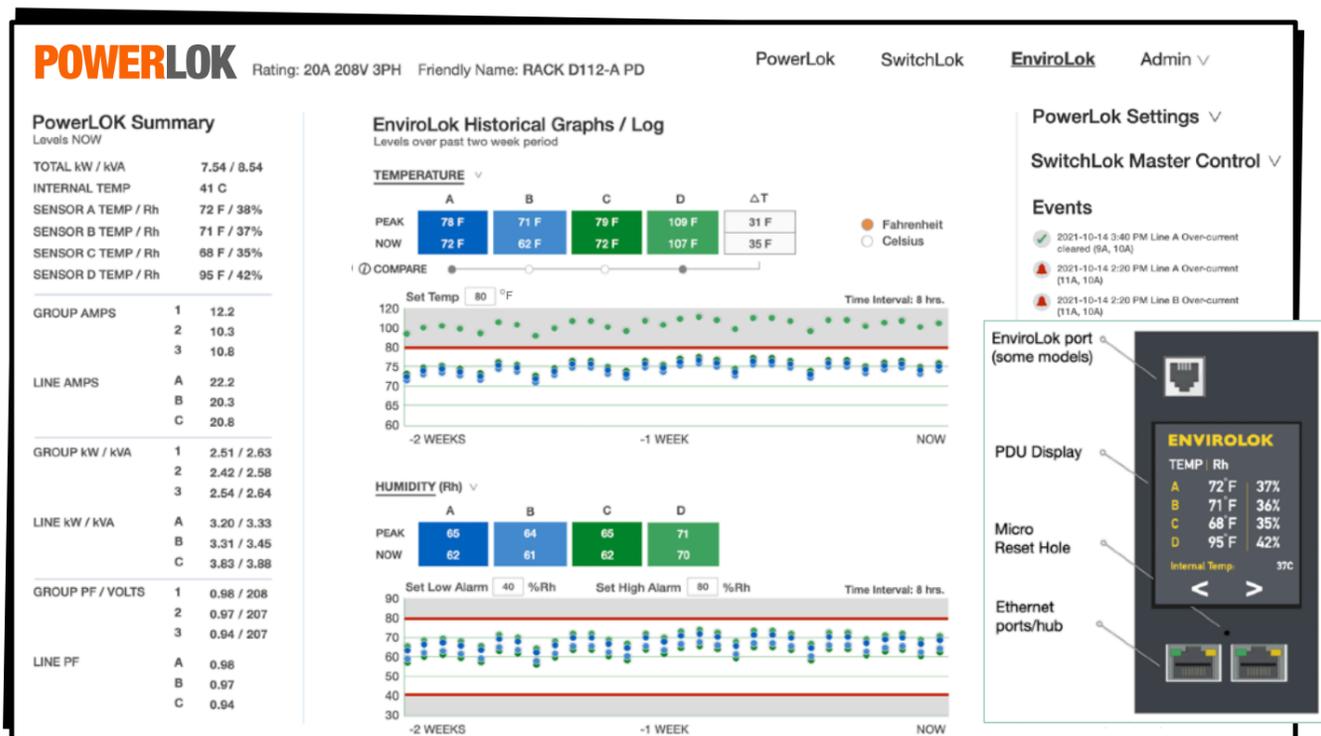| PF / VOLTS			SETTINGS			ADMIN	
PF	VOLTS		Alarm Thresholds			Serial Number: 20G01190001	
1A 0.98	A/1A&B 240		Primary Only 80%	●		Firmware Ver: 1.0.0	
1B 0.97			Primary Redundant 40%	●		Boot Load Ver: 1.10.2	
2A 0.97	B/2A&B 238					IP Address: 198.168.2.100	
2B 0.97			Primary Redundant 45%	●		MAC Address: E0:1B:23:CD:45	
3A 0.95	C/3A&B 239		Rotate Display	●		Hardware Ver: 1.2.3	
3B 0.96						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 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.

POWERLOK   Rating: 20A 208V 3PH   Friendly Name: RACK D112-A PD   PowerLok   SwitchLok   EnviroLok   Admin ⌄

PowerLOK Summary
Levels NOW

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	95 F / 42%
GROUP AMPS	1 12.2
	2 10.3
	3 10.8
LINE AMPS	A 22.2
	B 20.3
	C 20.8
GROUP kW / kVA	1 2.51 / 2.63
	2 2.42 / 2.58
	3 2.54 / 2.64
LINE kW / kVA	A 3.20 / 3.33
	B 3.31 / 3.45
	C 3.83 / 3.88
GROUP PF / VOLTS	1 0.98 / 208
	2 0.97 / 207
	3 0.94 / 207
LINE PF	A 0.98
	B 0.97
	C 0.94

EnviroLok Historical Graphs / Log
Levels shown over past two week period

TEMPERATURE ⌄

	A	B	C	D	ΔT
PEAK	78 F	71 F	79 F	109 F	31 F
NOW	72 F	62 F	72 F	107 F	35 F

○ Fahrenheit ○ Celsius

○ COMPARE

Set Temp 80 °F   Time Interval: 8 hrs.

HUMIDITY (Rh) ⌄

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

Set Low Alarm 40 %Rh   Set High Alarm 80 %Rh   Time Interval: 8 hrs.

PowerLok Settings ⌄

SwitchLok Master Control ⌄

Events
✓ 2021-10-14 3:46 PM Line A Over-current cleared (9A, 10A)
⚠ 2021-10-14 2:20 PM Line A Over-current (11A, 10A)
⚠ 2021-10-14 2:20 PM Line B Over-current (11A, 10A)

EnviroLok port (some models)

PDU Display

Micro Reset Hole

Ethernet ports/hub

ENVIROLOK
TEMP | Rh
A 72 F 37%
B 71 F 36%
C 68 F 35%
D 95 F 42%
Internal Temp: 37C

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