



POWERLOK®

Next-generation PDUs feature 100% robotically soldered connections and innovative cord locking, resulting in better reliability and security while maintaining an industry leading receptacle count.



A BETTER PDU FROM THE INSIDE OUT

SMART ENGINEERING

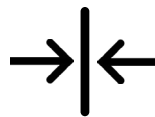
- Manufactured in the USA in an AS91000 certified ISO facility (QMS for aviation, space, and defense industry)
- 100% robotically soldered connections from line cord to receptacle—eliminate mechanical connections that are prone to overheating
- Independently analyzed to be 3X less likely to fail (Steve Fairfax, MTechnology, Inc.)

INDUSTRY-LEADING FEATURES

- Slim profile, 2.18"W x 2"D, while maintaining industry leading outlet density
- **CORDLOK®** to "lock" cords into place without sacrificing outlet density
- Industry leading power density to 80 amps

ADVANCED MONITORING

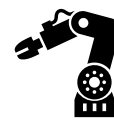
- .5% monitoring accuracy
- Modern touch screen interface with embedded web server for remote access by IP address
- SNMP communication for easy integration with DCIM packages already in place



Slim profile



Made in USA

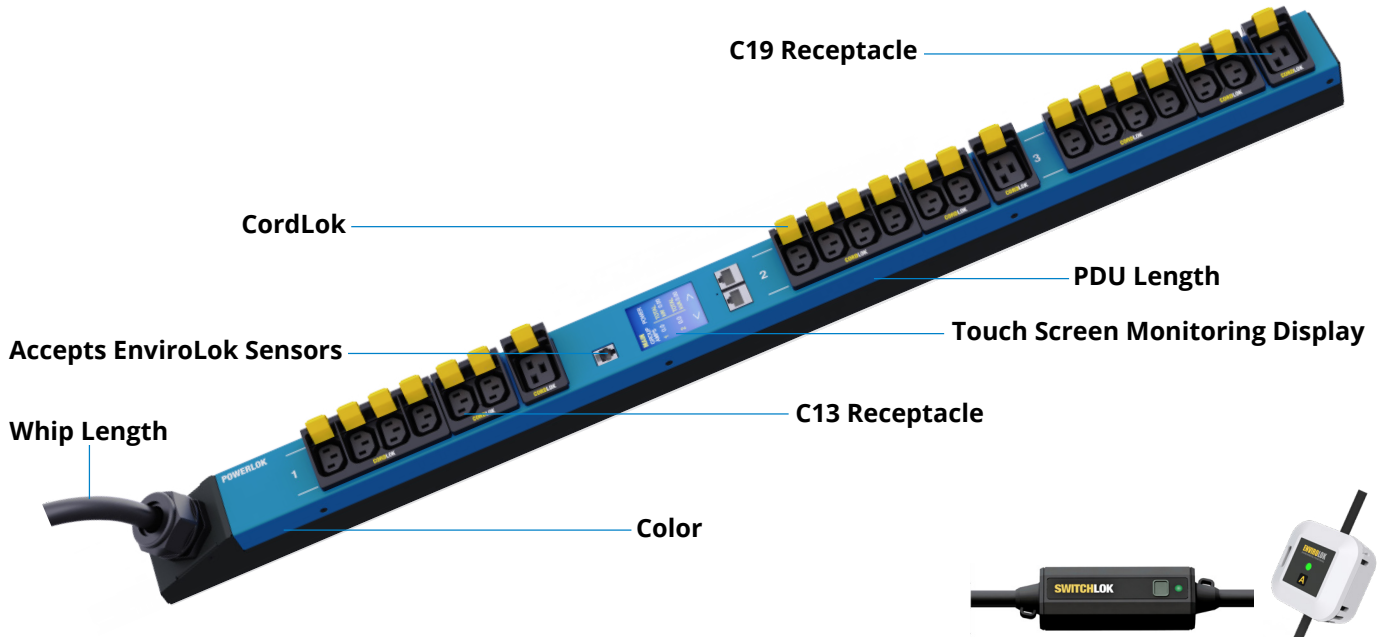


Robotically soldered



4193 Route 6N • Edinboro, PA 16412 | 1.866.879.4522
View the complete Great Lakes product line at GreatCabinets.com
©2022 Great Lakes Data Racks & Cabinets. All rights reserved.

SELECT MODEL OPTIONS



Example image shown. Visit [GreatCabinets.com/Power](https://www.GreatCabinets.com/Power) for actual receptacle type and count.

TYPE	COLOR	PDU LENGTH	AMPS	VOLTAGE	WHIP LENGTH
Basic	Carbon	36"	20	208/240V 1PH	6'
Monitored	White	41"	30	120/208V 3PH	10'
Switched Ready	Blue	82"	35	208/240V 3PH	
			50	240/415V 3PH	
			60		
			80*		

KEY FEATURES OF EACH PDU TYPE

Basic PDU: Slim profile, CordLOK, industry leading power and outlet density

Monitored PDU: .5% monitoring accuracy, integrates with existing DCIM package

Switched Ready PDU: Future-proof PDU, an upgradeable switching solution-add switching if or when needed

Configure a PDU: [GreatCabinets.com/Power](https://www.GreatCabinets.com/Power)

*80 amp available as a "Build you own" model only



4193 Route 6N • Edinboro, PA 16412 | 1.866.879.4522
View the complete Great Lakes product line at [GreatCabinets.com](https://www.GreatCabinets.com)
©2022 Great Lakes Data Racks & Cabinets. All rights reserved.

POWERLOK®

ENVIROLOK: RELIABLE & ACCURATE ENVIRONMENTAL MONITORING



Achieve the most reliable and accurate environmental monitoring of cabinet conditions by adding EnviroLOK sensors to PowerLOK PDUs.

Communicate via SNMP, or browse to the PDU web server where alarm set-points can be updated for your requirements.

Use with monitored and Switched Ready PowerLOK PDUs.

CAPABILITY & RELIABILITY

- Daisy chain up to 4 pods per PDU
- .2°C temperature accuracy—the best in the industry!
- 2% Rh accuracy
- Battery-less sensors
- 1.4" X 1.4" x .81" size
- Attach EnviroLOK unit to cabinet with supplied magnet or Velcro

For more PDU options, visit [GreatCabinets.com/Power](https://www.GreatCabinets.com/Power)

MODEL	DESCRIPTION	POD QUANTITY	POD IDENTIFIER
GLEL2001	EnviroLOK temperature + humidity PDU sensor (2) pods A & B, (2) 6 ft RJ12 cords	2	A, B
GLEL3001	EnviroLOK temperature + humidity PDU sensor (3) pods A, B, & C (3) 6 ft RJ12 cords	3	A, B, C
GLEL-C01	EnviroLOK temperature + humidity PDU sensor pod C, (1) 6 ft RJ12 cord	1	C
GLEL-D01	EnviroLOK temperature + humidity PDU sensor pod D, (1) 6 ft RJ12 cord	1	D
GLEL-P09	EnviroLOK 9 ft RJ12 cord	3	

RJ12 6P6C patch cables included with each EnviroLok model.

POWERLOK
by  GREAT LAKES

4193 Route 6N • Edinboro, PA 16412 | 1.866.879.4522
View the complete Great Lakes product line at [GreatCabinets.com](https://www.GreatCabinets.com)
©2022 Great Lakes Data Racks & Cabinets. All rights reserved.

POWERLOK[®]

SWITCHLOK: SCALABLE SWITCHING TECHNOLOGY



Future-proof your PDU investment and save money by eliminating unused switched outlets. Add proprietary SwitchLOK cords to PowerLOK Switched Ready PDUs to create the optimal amount of switching capability, if and when it is needed.

Centralized management using PowerLOK's Switched Ready™ PDUs assign and control SwitchLok. Management of individual switching cords provide greater reliability for switched solutions critical for today's sensitive IT hardware.

CAPABILITY & RELIABILITY

- Utilizes the same slim profile as a monitored PowerLOK PDU, 2.18" x 2.0"
- More receptacles than typical switched PDU
- Independently analyzed to be 3X less likely to fail (Steve Fairfax, MTechnology, Inc.)
- Locking relay latch

For more PDU options, visit [GreatCabinets.com/Power](https://www.GreatCabinets.com/Power)

SCALABLE SWITCHING VS. STANDARD SWITCHED PDU

	PDU Size	Receptacle Quantity	Reliability*	Start-up Cost
Switched Ready PDU	Same size as a PL monitored PDU	Same quantity as a PL monitored PDU	No service downtime	\$ about \$1 per receptacle
Switched PDU with Internal Relays	Can be 3" deep or double wide	Reduced receptacles	Service downtime to replace PDU	\$\$\$ about \$16 per receptacle

*Due to power levels, mechanical relays are required in rack PDUs. Mechanical relay PDUs have a much lower mean time between failure (MTBF) than monitored PDUs. SwitchLOK uses Cisco compliant power cord and plugs.

PDU SWITCHING CORDS FOR SWITCHED READY PDUS

SwitchLOK Model	Description
GLSL1300SM	SwitchLOK, outlet switching & metering, C13-C14, 5 ft cord
GLSL1900SM	SwitchLOK, outlet switching & metering, C19-C20, 5 ft cord
GLSL1300M	SwitchLOK, metering only, C13-C14, 5 ft cord
GLSL1900M	SwitchLOK, metering only, C19-C20, 5 ft cord

SwitchLOK, outlet switching only is available on request.



4193 Route 6N • Edinboro, PA 16412 | 1.866.879.4522
View the complete Great Lakes product line at [GreatCabinets.com](https://www.GreatCabinets.com)
©2020 Great Lakes Data Racks & Cabinets. All rights reserved.

Improved visibility & control of outlets for critical applications

Enter all parameters and control action from screens where data is presented. SwitchLOK's simplified and user friendly control improves reliability for critical applications.

SwitchLok Historical Graphs & Control

Levels for past two weeks period, peak and now.
Graphing interval is 8 hours.

Viewing ▾
Grouping Action ▾

All Information
Collapse Graphs
Reboot per sequence
RUN

RU	ID	Friendly Name	State	Seq.	Delay (s)	kVAh	Control
↕	47	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		1	4	2880	▽ ○
↕	45	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		2	4	2880	▽ ●
↕	43	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		3	4	2880	▽ ●
↕	41	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		4	4	2880	▽ ●
↕	39	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		5	4	2880	▽ ○

Individual SwitchLok Control

GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN 00 C0 B7 9E 22 36 MAC address

Outlet Switch: On/Off ⓘ Switch On Interval (s): ⓘ Cycle: Off-On ⓘ kVAh: ⓘ

Real-time & historical data in a single view

Making sense of parameters and reporting that comes with switching PDUs has been simplified. SwitchLOK provides that needed visibility and ease of control for switched PDU functions.

SwitchLok Historical Graphs & Control

Levels for past two weeks period, peak and now.
Graphing interval is 8 hours.

Viewing ▾
Grouping Action ▾

All Information
Collapse Graphs
Reboot per sequence
RUN

RU	ID	Friendly Name	State	Seq.	Delay (s)	kVAh	Control
↕	47	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		1	4	2880	▽ ○
↕	45	1A GREAT LAKES, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		2	4	2880	▽ ●

AMPS

Peak 1.92
Now 1.42

kVA

Peak 0.39
Now 0.31

SwitchLok Master Control

Master Switch: On/Off ⓘ

Switch On Interval (s): ⓘ

Sequence Interval (s): ⓘ

Alarm Set (A): ⓘ

Utility Apply Delay (s): ⓘ

Cycle: Off-On ⓘ

kVAh Reset: ⓘ

Plug into Switched Ready PDU

SwitchLOK Unit

Plug into equipment

