

8700-8800SERIES |
240/415V

POWERLOK DATASHEET

Power

- 20A 240/415V WYE 3PH
- 30A 240/415V WYE 3PH
- 60A 240/415V WYE 3PH
- Up to 34 kW's

Capability

- Slim low profile
- Cord locking using your cords
- Maintain greatest receptacle count

Reliability

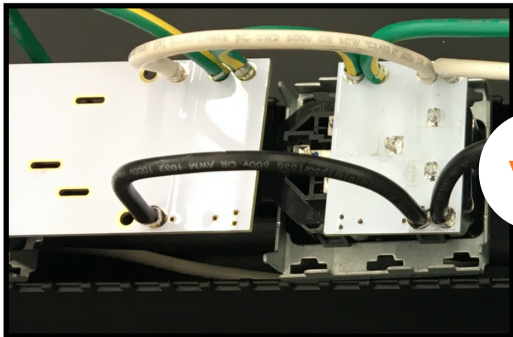
- Made in the USA in an AS9100 facility
- 100% robotically soldered connections

Select Models listed on pages 3-5

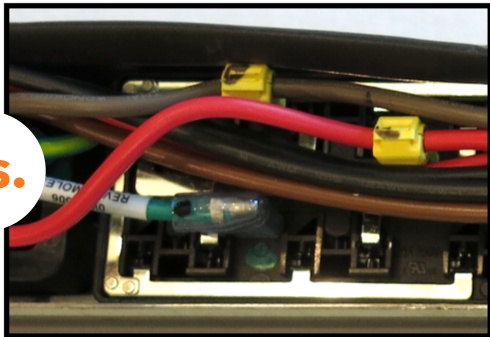
At all power levels, reliability matters.

100% robotically soldered connections from line cord to every receptacle provides 3X greater reliability. The second photo represents most other PDUs: manually created connections which generate heat and are 3X more likely to fail.

* Independently analyzed to be 3X less likely to fail.
- Steve Fairfax, mtechnologies, inc.



PowerLok Secure*:
Robotically crimped
and soldered.



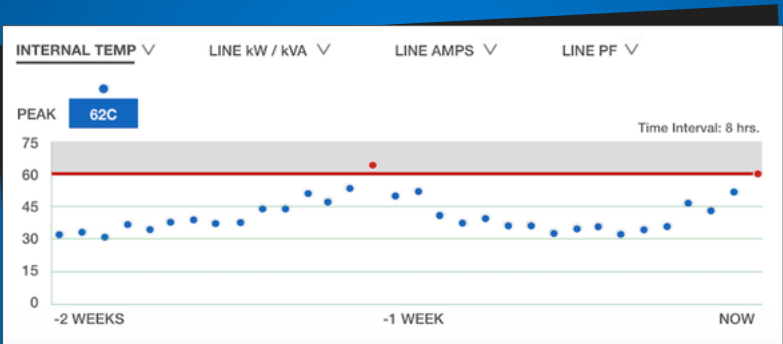
Quick to overheat and fail:
Hand-work mechanical
terminations.

vs.



Improved access to equipment
in power-dense racks

More room to access your racked equipment with an industry leading power density and angled whip input. Measures only 2.18" wide x 2.0" deep for PDUs up to 60A 3PH. Models with CordLok are 2.9" deep.



Know your PDU internal temperatures
in high-heat racks

PDU internal and rack temperatures and humidity monitoring communicates via SNMP, or browse to the PDU web server where alarm set-points can be updated for your requirements.

Secure your power cords

CordLok works with your server cords, does not require you to sacrifice high receptacle density, and allows single hand insertion and removal of cords. CordLok clicks when fully inserted.

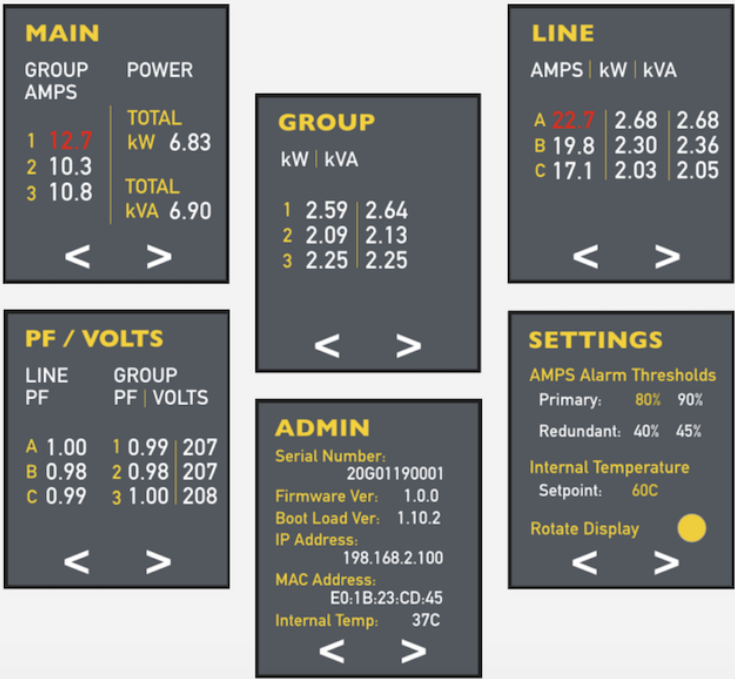
Every Select Model PDU comes standard with CordLok. If you prefer a PDU without CordLok, we will build it.

CORDLOK™

Increase monitoring accuracy with 0.5% precision

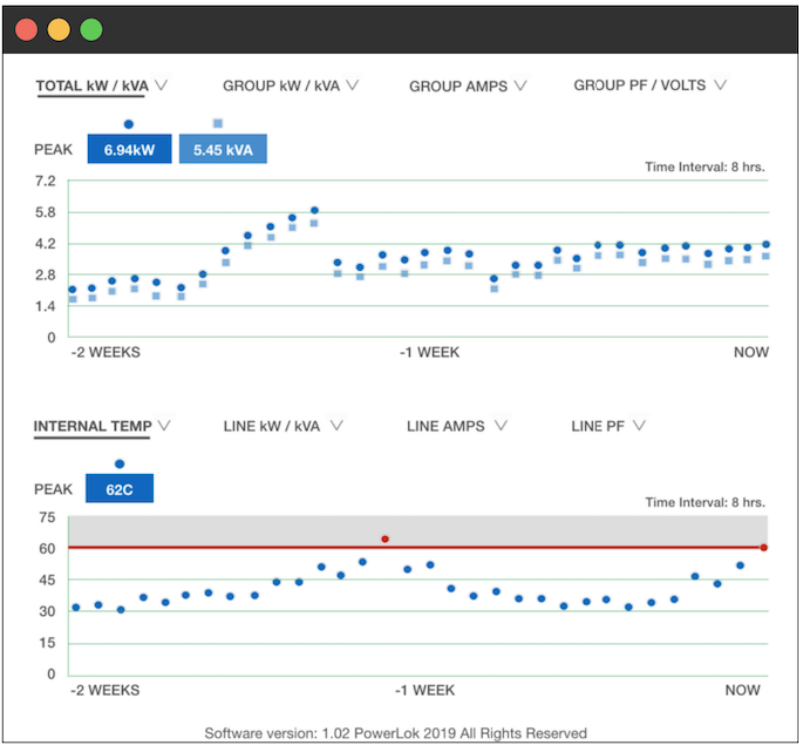
PowerLOK has a more advanced and reliable total monitoring solution not found on other rack PDUs. A fully functional and highly visible touchscreen display eliminates failure prone push-buttons. PowerLOK PDUs can be daisy chained to reduce network port use. Alarms on the main unit display and in the web based software appear in red when alarms are present.

PowerLOK is programmed at the factory to be network silent in your facility - allowing your management software to collect PowerLOK's precision power data when you need it.



Visualize power with historical graphing

- Monitoring Accuracy:**
Voltage +/- 0.5% at nominal
Current within 0.5% from 1A to 30A. +/-1% from 500mA to 30A.
- Aggregate (kWh, W, VA) plus Phase**
A, B, C Line Currents, plus Group: 1, 2, 3 Monitoring (kWh, W, VA, PF, V, A).
- Network Applications**
HTTP, SNMP-V1/V2c Network Management, SMTP Email. DHCP for dynamic IP address request from a server, DNS to resolve host names for email, NTP, and SNMP servers.
- Network Interface & Transport/Internet**
Ethernet RJ-45 & TCP/IP v4, v6, RSTP Ethernet daisy chain capability.



	Select a PDU (400 models)	Build a PDU Additional Options
Monitoring	Basic or Remote & Unit Display	Remote & No Unit Display
Unit Lengths	36", 41", 72", 82"	24", 46", 92"
Plug Types	IEC 309 (IP44)	IEC 309 (IP67), NEMA L22
Whip Lengths	6 ft & 10 ft	Up to 15 ft
CordLok	Yes	No CordLok

240/415V PDU's when you need them

400 Select Models available with fast response. Some Select Models are available to ship in 1-2 days.

*Build Models in this power type have a minimum order quantity of 24 units



Receptacle Group	Carbon 6 FT Whip	Carbon 10 FT Whip	Red 6 FT Whip	Red 10 FT Whip	White 6 FT Whip	White 10 FT Whip	Blue 6 FT Whip	Blue 10 FT Whip
------------------	------------------	-------------------	---------------	----------------	-----------------	------------------	----------------	-----------------

82"

MONITORED, 82", 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK20A

54-C13	PL8706D-06C	PL8706D-10C	PL8706D-06R	PL8706D-10R	PL8706D-06W	PL8706D-10W	PL8706D-06B	PL8706D-10B
54-C13 & 6-C19	PL8707D-06C	PL8707D-10C	PL8707D-06R	PL8707D-10R	PL8707D-06W	PL8707D-10W	PL8707D-06B	PL8707D-10B

BASIC, 82", 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK

54-C13	PL8706B-06C	PL8706B-10C	PL8706B-06R	PL8706B-10R	PL8706B-06W	PL8706B-10W	PL8706B-06B	PL8706B-10B
54-C13 & 6-C19	PL8707B-06C	PL8707B-10C	PL8707B-06R	PL8707B-10R	PL8707B-06W	PL8707B-10W	PL8707B-06B	PL8707B-10B

MONITORED, 82", 30A 240/415V 3PH (17.2 kW), IEC 309 (IP44), CORDLOK30A

54-C13	PL8736D-06C	PL8736D-10C	PL8736D-06R	PL8736D-10R	PL8736D-06W	PL8736D-10W	PL8736D-06B	PL8736D-10B
48-C13 & 6-C19	PL8737D-06C	PL8737D-10C	PL8737D-06R	PL8737D-10R	PL8737D-06W	PL8737D-10W	PL8737D-06B	PL8737D-10B
42-C13 & 12-C19	PL8738D-06C	PL8738D-10C	PL8738D-06R	PL8738D-10R	PL8738D-06W	PL8738D-10W	PL8738D-06B	PL8738D-10B
30-C13 & 18-C19	PL8739D-06C	PL8739D-10C	PL8739D-06R	PL8739D-10R	PL8739D-06W	PL8739D-10W	PL8739D-06B	PL8739D-10B
42-C19	PL8740D-06C	PL8740D-10C	PL8740D-06R	PL8740D-10R	PL8740D-06W	PL8740D-10W	PL8740D-06B	PL8740D-10B

BASIC, 82", 30A 240/415V 3PH (17.2 kW), IEC 309 (IP44), CORDLOK

54-C13	PL8736B-06C	PL8736B-10C	PL8736B-06R	PL8736B-10R	PL8736B-06W	PL8736B-10W	PL8736B-06B	PL8736B-10B
48-C13 & 6-C19	PL8737B-06C	PL8737B-10C	PL8737B-06R	PL8737B-10R	PL8737B-06W	PL8737B-10W	PL8737B-06B	PL8737B-10B
42-C13 & 12-C19	PL8738B-06C	PL8738B-10C	PL8738B-06R	PL8738B-10R	PL8738B-06W	PL8738B-10W	PL8738B-06B	PL8738B-10B
30-C13 & 18-C19	PL8739B-06C	PL8739B-10C	PL8739B-06R	PL8739B-10R	PL8739B-06W	PL8739B-10W	PL8739B-06B	PL8739B-10B
42-C19	PL8740B-06C	PL8740B-10C	PL8740B-06R	PL8740B-10R	PL8740B-06W	PL8740B-10W	PL8740B-06B	PL8740B-10B

72"

MONITORED, 72", 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK20A

48-C13	PL8701D-06C	PL8701D-10C	PL8701D-06R	PL8701D-10R	PL8701D-06W	PL8701D-10W	PL8701D-06B	PL8701D-10B
48-C13 & 6-C19	PL8702D-06C	PL8702D-10C	PL8702D-06R	PL8702D-10R	PL8702D-06W	PL8702D-10W	PL8702D-06B	PL8702D-10B

BASIC, 72", 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK

48-C13	PL8701B-06C	PL8701B-10C	PL8701B-06R	PL8701B-10R	PL8701B-06W	PL8701B-10W	PL8701B-06B	PL8701B-10B
48-C13 & 6-C19	PL8702B-06C	PL8702B-10C	PL8702B-06R	PL8702B-10R	PL8702B-06W	PL8702B-10W	PL8702B-06B	PL8702B-10B

Receptacle Group	Carbon 6 FT Whip	Carbon 10 FT Whip	Red 6 FT Whip	Red 10 FT Whip	White 6 FT Whip	White 10 FT Whip	Blue 6 FT Whip	Blue 10 FT Whip
------------------	---------------------	----------------------	------------------	-------------------	--------------------	---------------------	-------------------	--------------------

72”

MONITORED, 72”, 30A 240/415V 3PH (17.2 kW), IEC 309 (IP44), CORDLOK

30A

48-C13	PL8731D-06C	PL8731D-10C	PL8731D-06R	PL8731D-10R	PL8731D-06W	PL8731D-10W	PL8731D-06B	PL8731D-10B
36-C13 & 6-C19	PL8732D-06C	PL8732D-10C	PL8732D-06R	PL8732D-10R	PL8732D-06W	PL8732D-10W	PL8732D-06B	PL8732D-10B
30-C13 & 12-C19	PL8733D-06C	PL8733D-10C	PL8733D-06R	PL8733D-10R	PL8733D-06W	PL8733D-10W	PL8733D-06B	PL8733D-10B
18-C13 & 18-C19	PL8734D-06C	PL8734D-10C	PL8734D-06R	PL8734D-10R	PL8734D-06W	PL8734D-10W	PL8734D-06B	PL8734D-10B
30-C19	PL8735D-06C	PL8735D-10C	PL8735D-06R	PL8735D-10R	PL8735D-06W	PL8735D-10W	PL8735D-06B	PL8735D-10B

BASIC, 72”, 30A 240/415V 3PH (17.2 kW), IEC 309 (IP44), CORDLOK

48-C13	PL8731B-06C	PL8731B-10C	PL8731B-06R	PL8731B-10R	PL8731B-06W	PL8731B-10W	PL8731B-06B	PL8731B-10B
36-C13 & 6-C19	PL8732B-06C	PL8732B-10C	PL8732B-06R	PL8732B-10R	PL8732B-06W	PL8732B-10W	PL8732B-06B	PL8732B-10B
30-C13 & 12-C19	PL8733B-06C	PL8733B-10C	PL8733B-06R	PL8733B-10R	PL8733B-06W	PL8733B-10W	PL8733B-06B	PL8733B-10B
18-C13 & 18-C19	PL8734B-06C	PL8734B-10C	PL8734B-06R	PL8734B-10R	PL8734B-06W	PL8734B-10W	PL8734B-06B	PL8734B-10B
36-C19	PL8735B-06C	PL8735B-10C	PL8735B-06R	PL8735B-10R	PL8735B-06W	PL880B5-10W	PL8735B-06B	PL8735B-10B

41”

MONITORED, 41”, 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK

20A

27-C13	PL8716D-06C	PL8716D-10C	PL8716D-06R	PL8716D-10R	PL8716D-06W	PL8716D-10W	PL8716D-06B	PL8716D-10B
21-C13 & 3-C19	PL8717D-06C	PL8717D-10C	PL8717D-06R	PL8717D-10R	PL8717D-06W	PL8717D-10W	PL8717D-06B	PL8717D-10B
18-C13 & 6-C19	PL8718D-06C	PL8718D-10C	PL8718D-06R	PL8718D-10R	PL8718D-06W	PL8718D-10W	PL8718D-06B	PL8718D-10B

BASIC, 41”, 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK

33-C13	PL8716B-06C	PL8716B-10C	PL8716B-06R	PL8716B-10R	PL8716B-06W	PL8716B-10W	PL8716B-06B	PL8716B-10B
27-C13 & 3-C19	PL8717B-06C	PL8717B-10C	PL8717B-06R	PL8717B-10R	PL8717B-06W	PL8717B-10W	PL8717B-06B	PL8717B-10B
24-C13 & 6-C19	PL8718B-06C	PL8718B-10C	PL8718B-06R	PL8718B-10R	PL8718B-06W	PL8718B-10W	PL8718B-06B	PL8718B-10B

36”

MONITORED, 36”, 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK

20A

24-C13	PL8721D-06C	PL8721D-10C	PL8721D-06R	PL8721D-10R	PL8721D-06W	PL8721D-10W	PL8721D-06B	PL8721D-10B
18-C13 & 3-C19	PL8722D-06C	PL8722D-10C	PL8722D-06R	PL8722D-10R	PL8722D-06W	PL8722D-10W	PL8722D-06B	PL8722D-10B
12-C13 & 6-C19	PL8723D-06C	PL8723D-10C	PL8723D-06R	PL8723D-10R	PL8723D-06W	PL8723D-10W	PL8723D-06B	PL8723D-10B
15-C19	PL8725D-06C	PL8725D-10C	PL8725D-06R	PL8725D-10R	PL8725D-06W	PL8725D-10W	PL8725D-06B	PL8725D-10B

BASIC, 36”, 20A 240/415V 3PH (11.5 kW), IEC 309 (IP44), CORDLOK

30-C13	PL8721B-06C	PL8721B-10C	PL8721B-06R	PL8721B-10R	PL8721B-06W	PL8721B-10W	PL8721B-06B	PL8721B-10B
24-C13 & 3-C19	PL8722B-06C	PL8722B-10C	PL8722B-06R	PL8722B-10R	PL8722B-06W	PL8722B-10W	PL8722B-06B	PL8722B-10B
18-C13 & 6-C19	PL8723B-06C	PL8723B-10C	PL8723B-06R	PL8723B-10R	PL8723B-06W	PL8723B-10W	PL8723B-06B	PL8723B-10B
21-C19	PL8725B-06C	PL8725B-10C	PL8725B-06R	PL8725B-10R	PL8725B-06W	PL8725B-10W	PL8725B-06B	PL8725B-10B

Receptacle Group	Carbon 6 FT Whip	Carbon 10 FT Whip	Red 6 FT Whip	Red 10 FT Whip	White 6 FT Whip	White 10 FT Whip	Blue 6 FT Whip	Blue 10 FT Whip
------------------	------------------	-------------------	---------------	----------------	-----------------	------------------	----------------	-----------------

72"

BASIC, 72", 60A 240/415V 3PH (34.5 kW), IEC 309 (IP44), CORDLOK

60A

45-C13	PL8801B-06C	PL8801B-10C	PL8801B-06R	PL8801B-10R	PL8801B-06W	PL8801B-10W	PL8801B-06B	PL8801B-10B
27-C13 & 9-C19	PL8802B-06C	PL8802B-10C	PL8802B-06R	PL8802B-10R	PL8802B-06W	PL8802B-10W	PL8802B-06B	PL8802B-10B
18-C13 & 18-C19	PL8803B-06C	PL8803B-10C	PL8803B-06R	PL8803B-10R	PL8803B-06W	PL8803B-10W	PL8803B-06B	PL8803B-10B
27-C19	PL8804B-06C	PL8804B-10C	PL8804B-06R	PL8804B-10R	PL8804B-06W	PL8804B-10W	PL8804B-06B	PL8804B-10B

82"

BASIC, 82", 60A 240/415V 3PH (34.5 kW), IEC 309 (IP44), CORDLOK

60A

54-C13	PL8811B-06C	PL8811B-10C	PL8811B-06R	PL8811B-10R	PL8811B-06W	PL8811B-10W	PL8811B-06B	PL8811B-10B
36-C13 & 9-C19	PL8812B-06C	PL8812B-10C	PL8812B-06R	PL8812B-10R	PL8812B-06W	PL8812B-10W	PL8812B-06B	PL8812B-10B
27-C13 & 18-C19	PL8813B-06C	PL8813B-10C	PL8813B-06R	PL8813B-10R	PL8813B-06W	PL8813B-10W	PL8813B-06B	PL8813B-10B
36-C19	PL8815B-06C	PL8815B-10C	PL8815B-06R	PL8815B-10R	PL8815B-06W	PL8815B-10W	PL8815B-06B	PL8815B-10B