Advanced PDU technology

Industry leading power density
0.5% monitoring accuracy
Robotically soldered in the USA

POWERLOK™

Advanced Technology PDUs Delivered with a Fast-Response

Automated build-to-order PDUs made in the USA in an AS9100 ISO certified facility.

Gateview Technologies®

Advanced PDU technology

Industry leading power density
0.5% monitoring accuracy
Robotically soldered in the USA

POWERLOK™

- ‣ Launched in 2018 and just expanded manufacturing in a brand new state-of-the-art facility in Florida
- ‣ Advanced Innovation & technology provides greater quality and delivery
- ‣ Six Sigma Lean Manufacturing, ISO - AS9100 Military, Aerospace
- ‣ Rack PDU focus using updated technology and manufacturing systems for fast response

MADE IN USA

With best in class customer service and an AS9100 certified ISO facility.

Rely on the industry's best quality and security

All PowerLOK PDUs include 100% robotically soldered connections and innovative cord locking.

Capability

- ◉ Slimmest profiles to 120A
- ◉ Advanced switching technology
- ◉ 0.5% monitoring accuracy

- ◉ Superior cord locking using your cords
- ◉ Greatest receptacle count
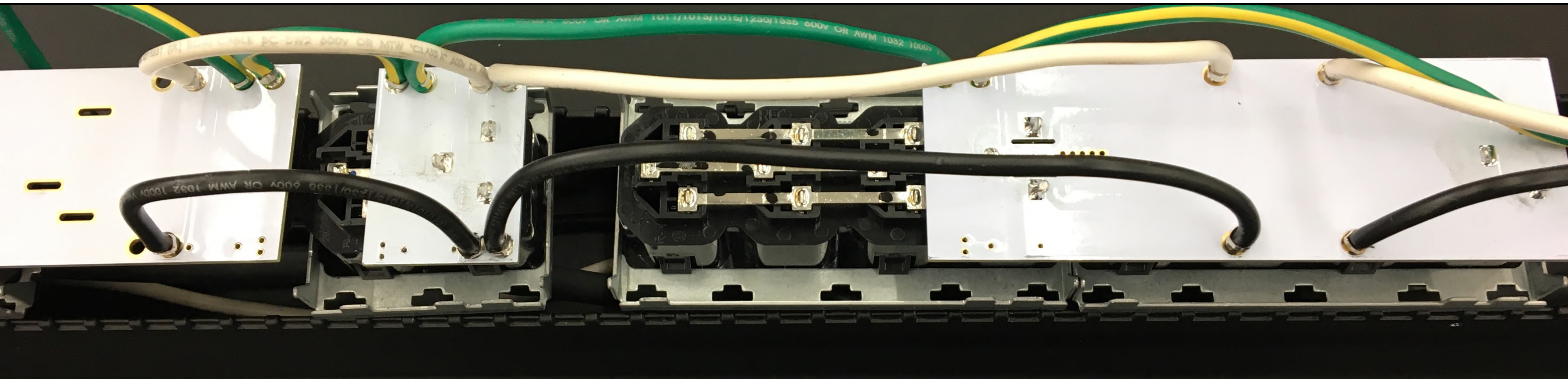- ◉ 72" length PDUs that always fit 42U racks

Reliability

- ◉ Made in the USA in an AS9100 facility
- ◉ 100% robotically soldered connections
- ◉ 3X reliability per new published study

GATEVIEW TECHNOLOGIES

Mechanical plus soldered terminations are the most secure - the method used by NASA to ensure reliability.

▸ 100% crimped, mechanically secured and soldered from line input to every receptacle

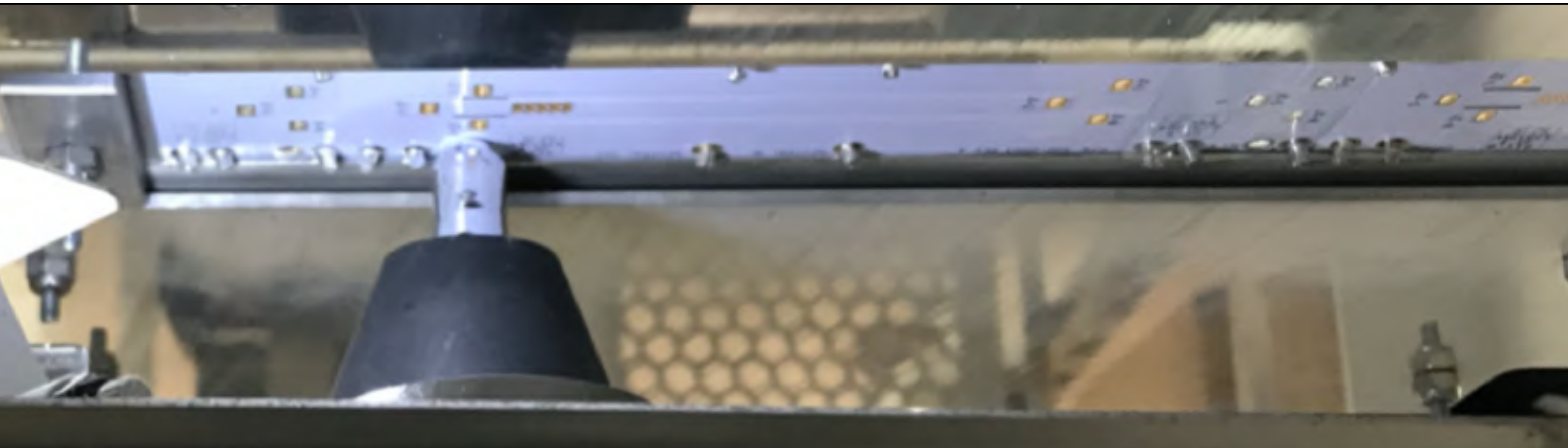▸ 3X less likely to fail with this method of electrical termination

Patent Pending

mtechnology

Evaluated to be 3X less likely to experience power connection failure. Steve Fairfax, mtechnology.

▸ **Robotic head making solder terminations on receptacle boards**

INPUT WHIP OR OPTIONAL SERVICE ENTRANCE TERMINAL BLOCK

12-BREAKERS AT 240V 3PH (40 KW) & 18-BREAKERS AT 415V 3PH (69 KW)

MONITORED PLUS SWITCHED READY WITH ENVIROLOK

SLIMMEST PROFILE 2.9" WIDE X 2.9" TALL

Patent Pending

RACK PDU ENVIRONMENTAL SENSORS

Accuracy

- 0.2C temperature accuracy
- 2% Rh accuracy

Capability

- Magnetic or velcro attachment
- Daisy chain sensors as needed
- Up to 4 sensors per PDU
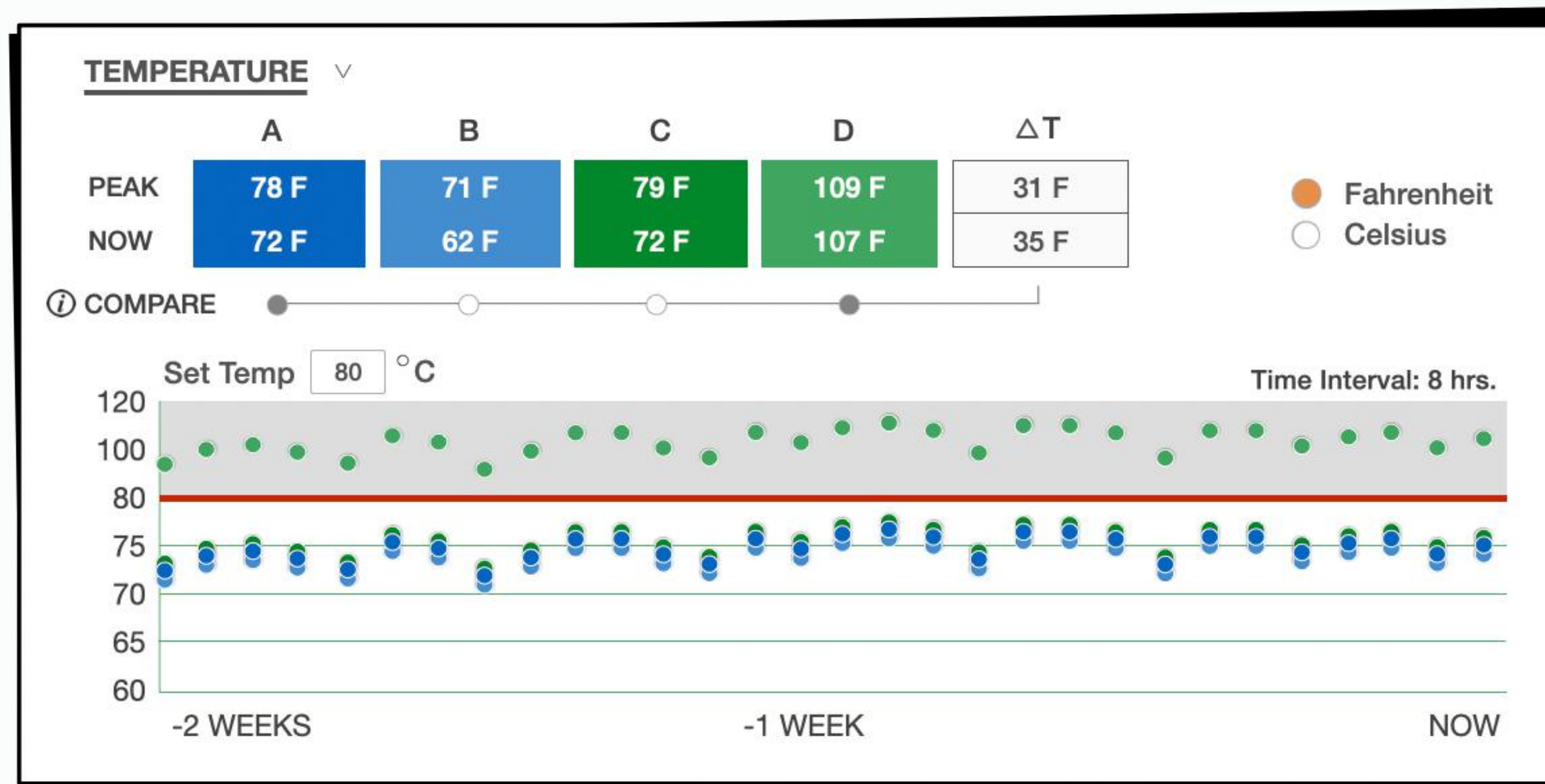- Only 1.4in x 1.4in x .81in size

Reliability

- Low power over supplied cable
- Battery-less sensors

‣ **Each sensor measures temperature + humidity with a high degree of accuracy**

‣ **Simple and flexible to apply**

Monitor your environment in high-heat racks

‣ Real time, peak and historical data available through web server or over SNMP
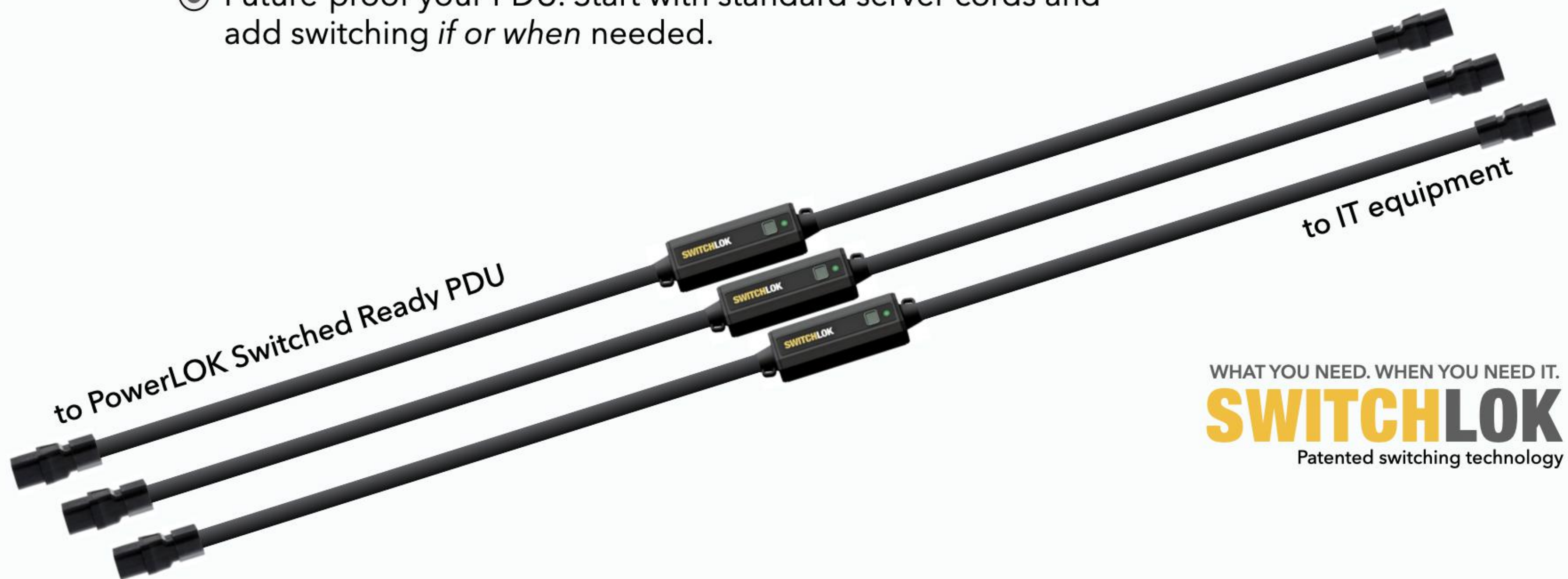
‣ Select two sensors to compare for delta-t results

Advanced PDU Switching Technology

Switched Ready PDUs are remotely monitored PDUs that can be upgraded for switching at any time just by adding SwitchLOK cords.

- ◎ Switched Ready PDUs are the same size as monitored PDUs.
- ◎ More receptacles and more room to access racked equipment.
- ◎ Future-proof your PDU. Start with standard server cords and add switching *if or when* needed.

to IT equipment

to PowerLOK Switched Ready PDU

WHAT YOU NEED. WHEN YOU NEED IT.

SWITCHLOK
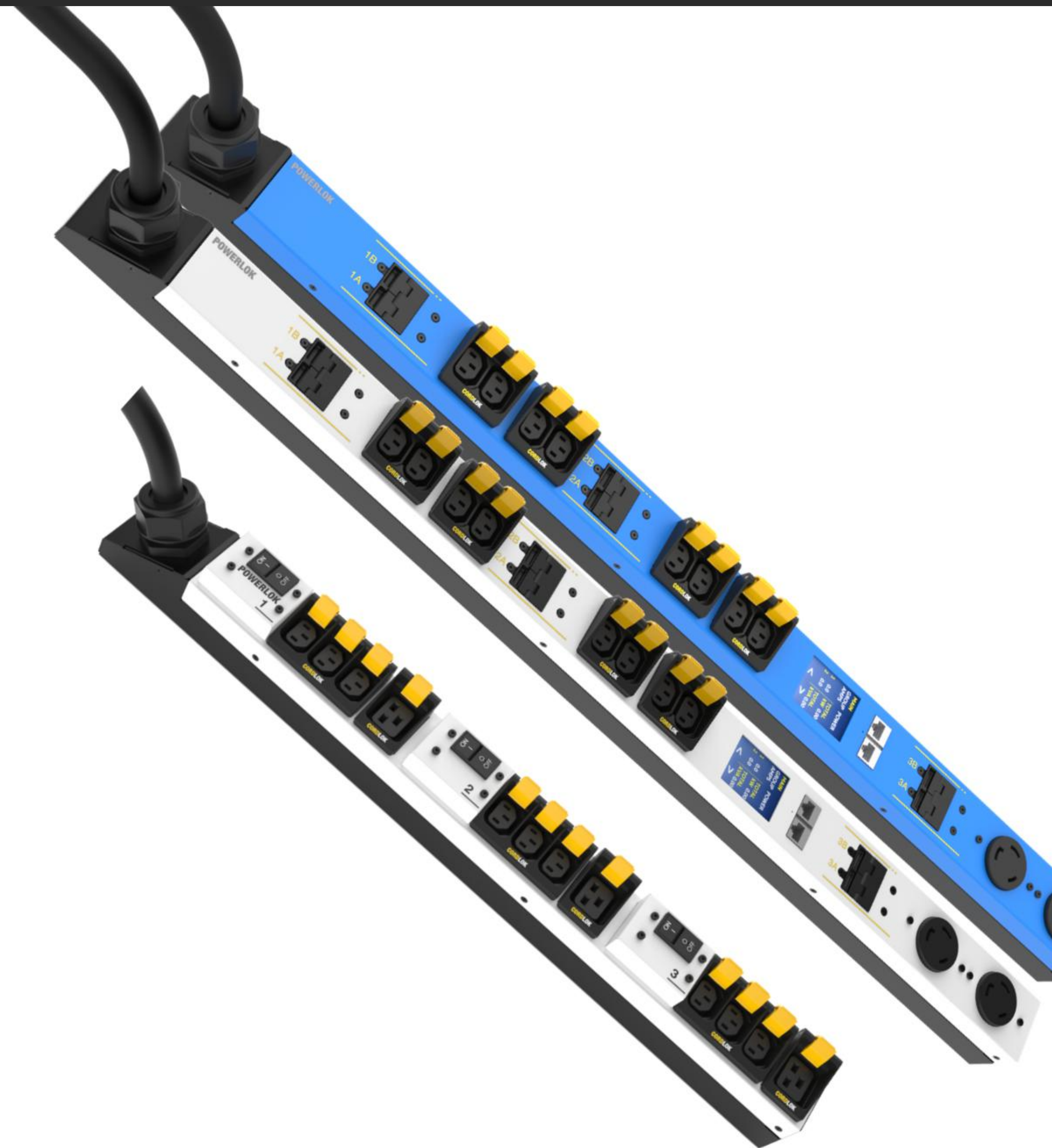Patented switching technology

VerticalStack PDUs

◉ Power density to 52 kW in a single 72" tall x 2.18" wide PDU footprint.

◉ Angled whip improves access to equipment.

◉ Key-slot buttons on 12.25" spacing for easy mounting.

◉ Joining bracket option for legacy racks allows mounting as one PDU.

VerticalStack PDUs

VerticalStack PDUs

DOUBLE OR TRIPLE YOUR POWER
IN ONE PDU FOOTPRINT

Automated build-to-order PDUs made in the USA in an AS9100 ISO certified facility

◉ **Fast-Response Models**

PDUs in every power type that ship in 3-5 days.

70+ Fast-Response PDUs

◉ **Select Models**

Choose between colors, additional receptacle configurations and 36" to 82" lengths that ship in 3-5 weeks.

1,400+ Select Model PDUs

◉ **Build Models**

Choose between additional unit lengths, whip lengths and plug types that ship in 8-10 weeks.

10,000+ Build Model PDUs

PowerLOK Selector Results in 50+ Models for *60A 208/240V 3PH*

RACK PDU, MONITORED, 72", 60A 208/240V 3PH (17.2 KW), IEC 309 (IP44), CORDLOK

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
42-C13	PL8606M-06C	PL8606M-10C	PL8606M-06R	PL8606M-10R	PL8606M-06W	PL8606M-10W	PL8606M-06B	PL8606M-10B
36-C13	PL8601M-06C	PL8601M-10C	PL8601M-06R	PL8601M-10R	PL8601M-06W	PL8601M-10W	PL8601M-06B	PL8601M-10B
36-C13 & 6-C19	⏱ PL8607M-06C	⏱ PL8607M-10C	PL8607M-06R	PL8607M-10R	PL8607M-06W	PL8607M-10W	PL8607M-06B	PL8607M-10B
24-C13 & 6-C19	PL8602M-06C	PL8602M-10C	PL8602M-06R	PL8602M-10R	PL8602M-06W	PL8602M-10W	PL8602M-06B	PL8602M-10B
24-C13 & 12-C19	⏱ PL8608M-06C	⏱ PL8608M-10C	PL8608M-06R	PL8608M-10R	PL8608M-06W	PL8608M-10W	PL8608M-06B	PL8608M-10B
18-C13 & 18-C19	⏱ PL8609M-06C	⏱ PL8609M-10C	PL8609M-06R	PL8609M-10R	PL8609M-06W	PL8609M-10W	PL8609M-06B	PL8609M-10B
30-C19	PL8621M-06C	PL8621M-10C	PL8621M-06R	PL8621M-10R	PL8621M-06W	PL8621M-10W	PL8621M-06B	PL8621M-10B

Fast Response Model: Lead-time 3-5 days

Select a PDU

GATEVIEW TECHNOLOGIES

PowerLok PDUs are built to order. Chose a category based on your delivery and feature requirements. For additional details refer to a product data sheet. Due to the expansion of our main production facility, lead-times shown are not applicable between 6/01/22 and 7/16/2022.

○ **Fast Response Models (3-5 days)**   ● **Select Models (3-5 weeks)**   ○ **Build Models (8-10 weeks)**
48 Minimum PDU Order

PDU Type

BASIC	MONITORED	SWITCHED READY

Voltage Series

208/240V 1PH	120/208V 3PH	208/240V 3PH	240/415V 3PH

Amperage

30A	35A	50A	60A

PDU Length

36"	41"	72"	82"

Select from 3 delivery requirements

Select from 4 PDU categories

View PDU Results & Select Model #

Results: Select model below to access product page

RACK PDU, SWITCHED READY, 72", 35A 208/240V 3PH (11.2 KW), CS8365C, CORDLOK

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
48-C13	PL8431S-06C	PL8431S-10C	PL8431S-06R	PL8431S-10R	PL8431S-06W	PL8431S-10W	PL8431S-06B	PL8431S-10B
36-C13 & 6-C19	⏱ PL8433S-06C	⏱ PL8433S-10C	PL8433S-06R	PL8433S-10R	PL8433S-06W	PL8433S-10W	PL8433S-06B	PL8433S-10B

Results: Select model below to access product page

RACK PDU, SWITCHED READY, 72", 35A 208/240V 3PH (11.2 KW), CS8365C, CORDLOK

Receptacle Group	CARBON		RED		WHITE		BLUE	
	6 FT Whip	10 FT Whip	6 FT Whip	10 FT Whip	6 FT Whip	10 FT Whip	6 FT Whip	10 FT Whip
48-C13	PL8431S-06C	PL8431S-10C	PL8431S-06R	PL8431S-10R	PL8431S-06W	PL8431S-10W	PL8431S-06B	PL8431S-10B
36-C13 & 6-C19	⟳ PL8433S-06C	⟳ PL8433S-10C	PL8433S-06R	PL8433S-10R	PL8433S-06W	PL8433S-10W	PL8433S-06B	PL8433S-10B

Select Model # to Access Product Page

PDU Product Page

PL8433S-10C

Rack PDU, Switched Ready, 72", 35A 208/240V 3PH (11.2 kW), 36-C13, 6-C19, 10FT Whip, CS8365C, Carbon, CORDLOK

Example image shown. See specification for actual receptacle count.

Data Sheet   **Specification**   **Manual**   **CAD Download**   QTY: [1]   **Add to List**

POWERLOK

WEB Server Software
Real time, peak and historical power data

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

PowerLok Historical Graphs / Log
Levels over past two week period

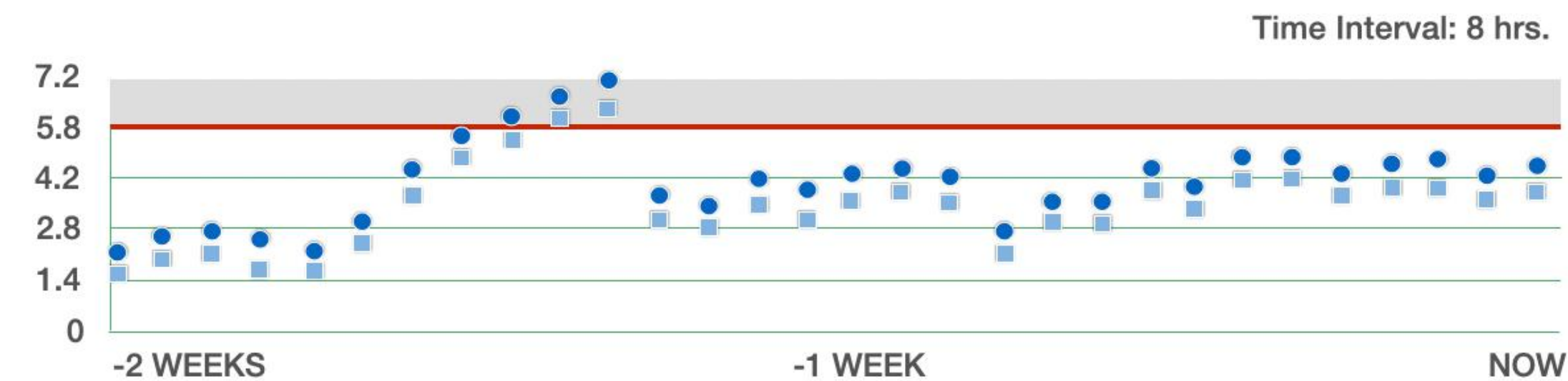TOTAL kW / kVA ⋁   GROUP kW / kVA ⋁   GROUP AMPS ⋁   GROUP PF / VOLTS ⋁

PEAK	5.94 kW	9.45 kVA
NOW	5.76 kW	5.54 kVA

Time Interval: 8 hrs.

7.2
5.8
4.2
2.8
1.4
0

-2 WEEKS   -1 WEEK   NOW

INTERNAL PDU TEMP ⋁

PEAK	45C
NOW	41C

○ Fahrenheit
● Celsius

Set Alarm [60] °C [Apply]

Time Interval: 8 hrs.

75
60
45
30
15
0

-2 WEEKS   -1 WEEK   NOW

PowerLok Settings ⋁

SwitchLok Master Control ⋁

Events

- ✓ 2021-10-14 3:40 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)
- 🔔 2021-10-14 2:20 PM Line C Over-current (11A, 10A)
- ✓ 2021-10-14 2:20 PM PDU Over-temperature Cleared (62C, 60C)
- 🔔 2021-10-14 2:20 PM PDU Over-temperature (62C, 60C)
- ✓ 2021-10-14 2:20 PM EL-A Rack Over-temperature Cleared (62C, 60C)
- 🔔 2021-10-14 2:20 PM EL-A Rack Over-temperature (62C, 60C)
- ✓ 2021-10-14 2:20 PM EL-A Rack Over-humidity Cleared (62C, 60C)
- 🔔 2021-10-14 2:20 PM EL-A Rack Over-humidity (62C, 60C)
- ✓ 2021-05-12 2:40 PM Power up - No Events
- 🔔 2021-04-12 2:20 PM User name or password changed

[Clear History]

About to clear Past Event history Are you sure?

[CANCEL] [YES]

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

SwitchLok Historical Graphs & Control
Levels for past two weeks period, peak and now.
Graphing interval is 8 hours.

Viewing ∨   Grouping Action ∨

Reboot per sequence

RUN

	RU	ID	Friendly Name	State	Seq.	Delay (s)	kVAh	Control
↕	47	A	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	1	4	2880	∨ ○
↕	47	B	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬◖▬	2	4	2880	∨ ●
↕	43	1A	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	3	4	2880	∨ ●
↕	41	1A	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	4	4	2880	∨ ●
↕	39	1A	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	5	4	2880	∨ ○
↕	37	1B	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	6	4	2880	∨ ○
↕	35	1B	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	7	4	2880	∨ ●
↕	33	1B	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	8	4	2880	∨ ●
↕	31	1B	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	9	4	2880	∨ ○
↕	29	1B	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN	▬●▬	10	4	2880	∨ ○

PowerLok Settings ∨

Amperage Alarm Setting

Primary Only 80%	⬜
Primary Redundant 40%	🟢
Primary Redundant 45%	⬜
Enable Custom	⬜
Set Custom %	n/a

Manage SwitchLok 🟢 ⓘ

SwitchLok Master Control ∨

Master Switch: On/Off	🟢	ⓘ
Master Reboot:	RUN	ⓘ
kVAh Reset:	CLEAR	ⓘ
Start Delay (s):	0	ⓘ
Sequence Delay (s):	2	ⓘ
Off-On Delay (s):	4	ⓘ
Utility Apply Delay (s):	140	ⓘ

Sequence Actions
Explained ∨

Events

✅ 2021-10-14 3:40 PM Line A Over-current cleared (34.5%, 40%)

PowerLOK Summary
Levels NOW

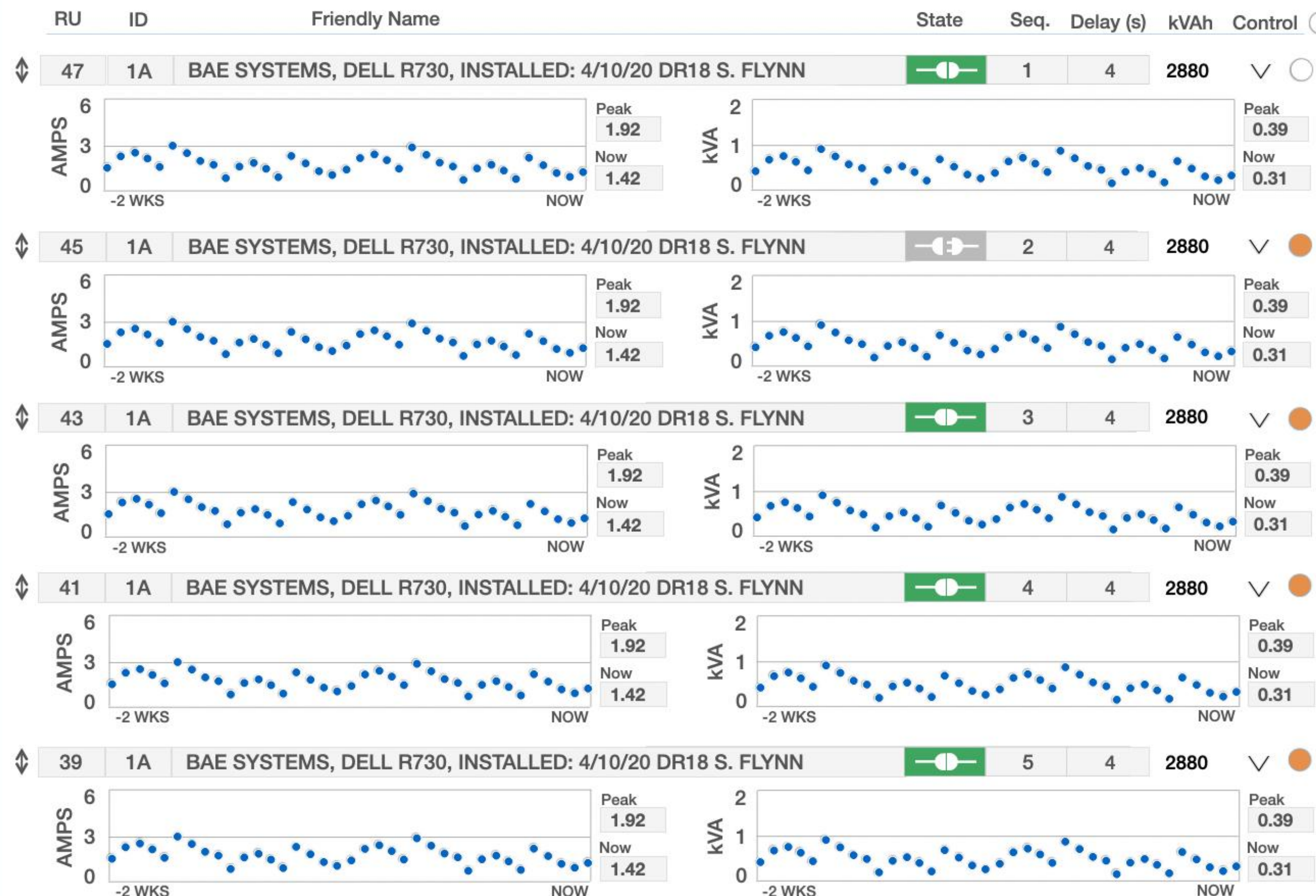|		
TOTAL kW / kVA		7.54 / 8.54
INTERNAL TEMP		41 C
SENSOR A TEMP / Rh		72 F / 38%
SENSOR B TEMP / Rh		71 F / 37%
SENSOR C TEMP / Rh		68 F / 35%
SENSOR D TEMP / Rh		95 F / 42%
GROUP AMPS	1	12.2
	2	10.3
	3	10.8
LINE AMPS	A	22.2
	B	20.3
	C	20.8
GROUP kW / kVA	1	2.51 / 2.63
	2	2.42 / 2.58
	3	2.54 / 2.64
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

SwitchLok Historical Graphs & Control
Levels for past two weeks period, peak and now.
Graphing interval is 8 hours.

Viewing ∨   Grouping Action ∨

Reboot per sequence

RUN

RU	ID	Friendly Name	State	Seq.	Delay (s)	kVAh	Control
47	1A	BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN		1	4	2880	∨ ○

AMPS — Peak 1.92 — Now 1.42 | kVA — Peak 0.39 — Now 0.31

| 45 | 1A | BAE SYSTEMS, 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

| 43 | 1A | BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN | | 3 | 4 | 2880 | ∨ ● |

AMPS — Peak 1.92 — Now 1.42 | kVA — Peak 0.39 — Now 0.31

| 41 | 1A | BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN | | 4 | 4 | 2880 | ∨ ● |

AMPS — Peak 1.92 — Now 1.42 | kVA — Peak 0.39 — Now 0.31

| 39 | 1A | BAE SYSTEMS, DELL R730, INSTALLED: 4/10/20 DR18 S. FLYNN | | 5 | 4 | 2880 | ∨ ● |

AMPS — Peak 1.92 — Now 1.42 | kVA — Peak 0.39 — Now 0.31

PowerLok Settings ∨

Amperage Alarm Setting

Primary Only 80%	(off)
Primary Redundant 40%	(on)
Primary Redundant 45%	(off)
Enable Custom	(off)
Set Custom %	n/a

Manage SwitchLok (on) ⓘ

SwitchLok Master Control ∨

Master Switch: On/Off	(on)	ⓘ
Master Reboot:	RUN	ⓘ
kVAh Reset:	CLEAR	ⓘ
Start Delay (s):	0	ⓘ
Sequence Delay (s):	2	ⓘ
Off-On Delay (s):	4	ⓘ
Utility Apply Delay (s):	140	ⓘ

Sequence Actions Explained ∨

Events

✓ 2021-10-14 3:40 PM Line A Over-current cleared (34.5%, 40%)

PowerLOK Summary
Levels NOW

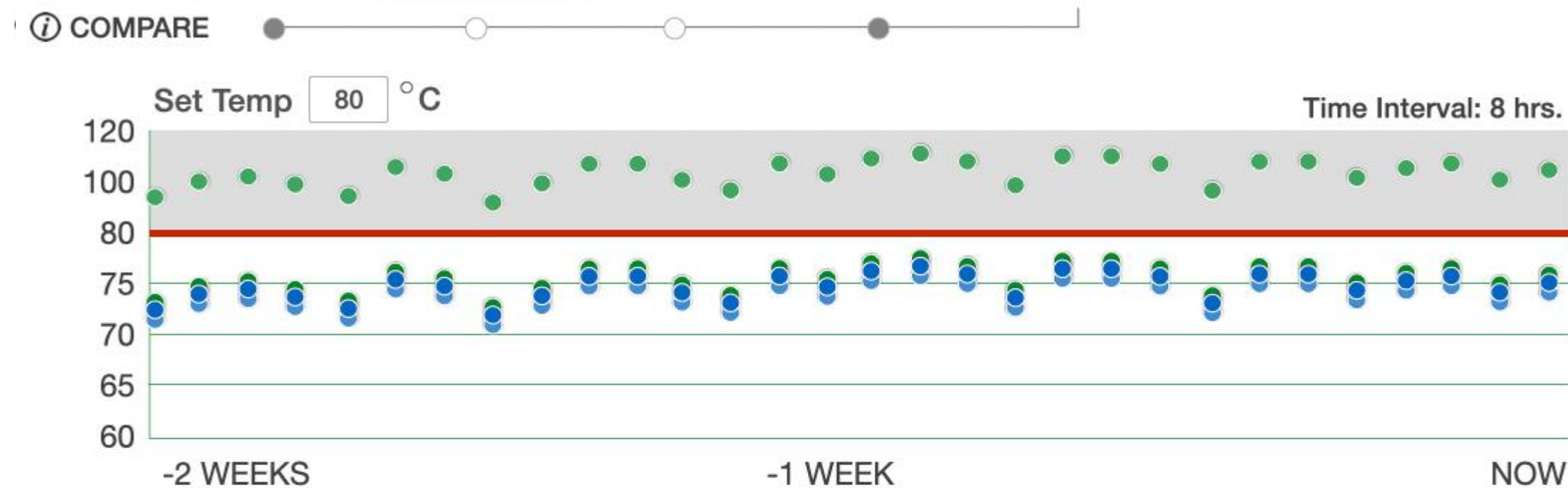|		
TOTAL kW / kVA		7.54 / 8.54
INTERNAL TEMP		41 C
SENSOR A TEMP / Rh		72 F / 38%
SENSOR B TEMP / Rh		71 F / 37%
SENSOR C TEMP / Rh		68 F / 35%
SENSOR D TEMP / Rh		95 F / 42%
GROUP AMPS	1	12.2
	2	10.3
	3	10.8
LINE AMPS	A	22.2
	B	20.3
	C	20.8
GROUP kW / kVA	1	2.51 / 2.63
	2	2.42 / 2.58
	3	2.54 / 2.64
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 over past two week period

TEMPERATURE ∨

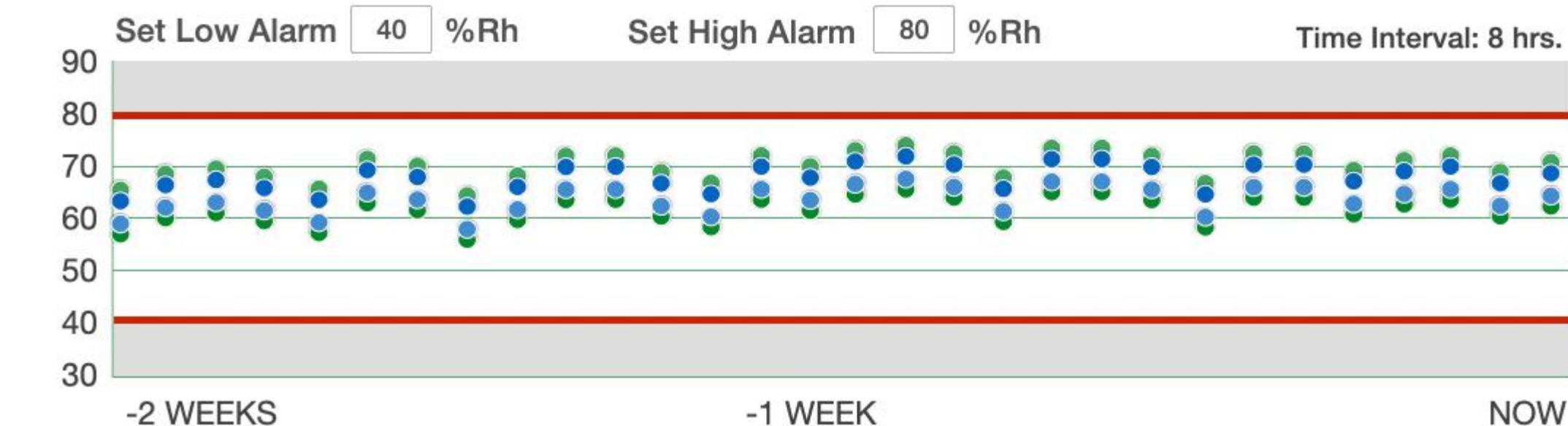|	A	B	C	D	∆T
PEAK	78 F	71 F	79 F	109 F	31 F
NOW	72 F	62 F	72 F	107 F	35 F

● Fahrenheit
○ Celsius

ⓘ COMPARE

Set Temp 80 °C

Time Interval: 8 hrs.

120
100
80
75
70
65
60

-2 WEEKS   -1 WEEK   NOW

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.

90
80
70
60
50
40
30

-2 WEEKS   -1 WEEK   NOW

PowerLok Settings ∨

SwitchLok Master Control ∨

Events

- ✓ 2021-10-14 3:40 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)
- 🔔 2021-10-14 2:20 PM Line C Over-current (11A, 10A)
- ✓ 2021-10-14 2:20 PM PDU Over-temperature Cleared (62C, 60C)
- 🔔 2021-10-14 2:20 PM PDU Over-temperature (62C, 60C)
- ✓ 2021-10-14 2:20 PM EL-A Rack Over-temperature Cleared (62C, 60C)
- 🔔 2021-10-14 2:20 PM EL-A Rack Over-temperature (62C, 60C)
- ✓ 2021-10-14 2:20 PM EL-A Rack Over-humidity Cleared (62C, 60C)
- 🔔 2021-10-14 2:20 PM EL-A Rack Over-humidity (62C, 60C)
- ✓ 2021-05-12 2:40 PM Power up - No Events
- 🔔 2021-04-12 2:20 PM User name or password changed

Clear History

About to clear Past Event history Are you sure?

CANCEL   YES

Advanced Technology PDUs Delivered with a Fast-Response
Automated build-to-order PDUs made in the USA in an AS9100 ISO certified facility.

MADE IN USA

With best in class customer service and an AS9100 certified ISO facility.

Capability

- ◉ Slimmest profiles to 120A
- ◉ Advanced switching technology
- ◉ Superior cord locking using your cords
- ◉ 0.5% monitoring accuracy

Reliability

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

Delivery

- ◉ 70+ Fast-Response Models in 3-5 days
- ◉ 1400+ Select Models in 3-5 weeks

Advanced PDU technology

Industry leading power density
0.5% monitoring accuracy
Robotically soldered in the USA

POWERLOK™

Advanced Technology PDUs Delivered with a Fast-Response
Automated build-to-order PDUs made in the USA in an AS9100 ISO certified facility.

Thank You!
Gateview Technologies®