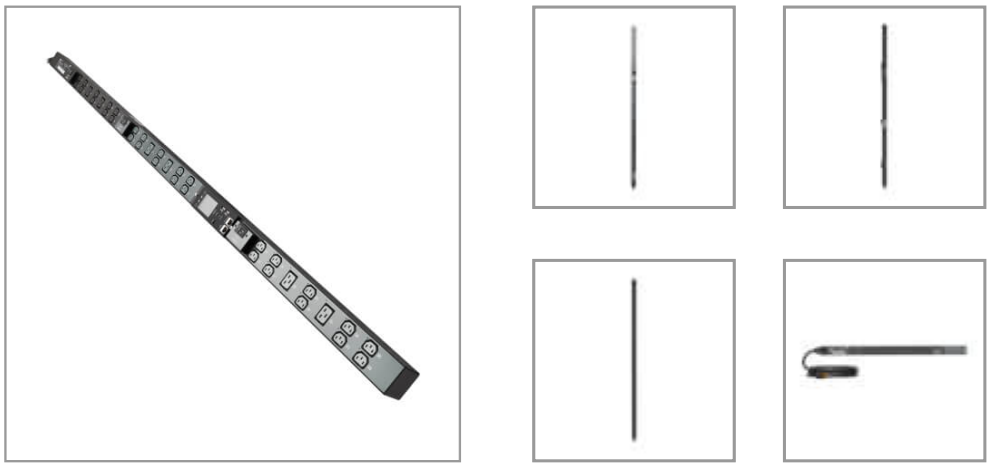
8.6kW 200-240V 3-Phase IsoBreaker Managed PDU - Gigabit, 36 Outlets, L21-30P Input, LCD, 10 ft. (3 m) Cord, 0U, 70 in. (1.8 m) Height, TAA

MODEL NUMBER: **PDU3EVSR1L2130**



Distributes, monitors and manages power in data centers, colocation facilities, IT closets, server rooms and distributed edge computing.

Features

3-Phase Switched PDU Distributes, Monitors and Manages Network-Grade Power
Recommended for data centers, network service providers and large enterprises, this managed PDU with built-in network interface provides advanced network control and remote power monitoring with the ability to turn on, turn off, reboot or lock out power to each outlet. You can more efficiently manage network power consumption, maintain proper load balance and remotely reboot locked network items without having to visit the site. Reducing the number of on-site visits can help lower the cost of data center maintenance, thus lowering the 0U PDU's total cost of ownership.

36 Outlets Dispense AC Power to Connected Equipment
During normal operation, 36 individually controllable outlets—30 C13 and six C19—in three load banks distribute AC power to rack equipment. Each 200–240V outlet is accompanied by an LED that illuminates when the outlet is ramped up and ready to be used. The outlets and banks can be individually monitored to ensure proper load levels and load balancing.

IsoBreaker™ Technology Helps Maintain Critical Uptime During Overloads
Innovative IsoBreaker technology prevents the need to power down multiple devices when surges occur. In the event of a power surge due to an overload at an individual outlet, the load bank's circuit breaker trips only that outlet instead of the entire bank. This helps maintain uptime of servers and other critical equipment that are able to remain online, avoiding a costly work stoppage.

Sophisticated Power Monitoring Includes THDv Waveform Capture
For installations in which highly specific input voltage distortion measurements are critical, such as data centers, hospitals and airports, the THDv waveform capture feature identifies and captures the PDU input voltage quality by taking a 200ms waveform snapshot that triggers based on a THDv criteria. The THDv waveform capture trigger will capture 100ms before and 100ms after the trigger criteria. This helps provide precise input readings and accurately report line noise to help you diagnose power problems and avoid future downtime.

Built-In GbE-Capable Network Management Card Allows Remote Access 24/7
The built-in network interface with the latest version of PowerAlert® Device Manager firmware (PADM20) provides enhanced remote management capabilities, including customizable dashboard graphs to fit user preferences. The PADM20 upgrade and PowerAlert Element Manager (PAEM) software form a powerful

Highlights

- 30 C13 and 6 C19 200–240V outlets distribute AC power to connected equipment
- GbE-capable network interface offers enhanced remote management capabilities
- Color touchscreen LCD provides current levels, environmental data and network info
- Isolates and trips only the outlet with the current surge, keeping the load bank's other outlets online
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- PDU3EVSR1L2130 8.6kW 3-Phase Switched PDU
- Configuration cable
- Rack-mounting hardware
- Spare mounting buttons
- PDUMVROTATEBRKT mounting bracket accessory
- Owner's manual

tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations. PADM20's Auto Probe feature allows a PDU with switched loads to automatically reboot devices if a network communication failure is detected. This preserves uptime and minimizes the time and expense associated with on-site support.

Color Touchscreen LCD Offers Important Data at a Glance
An easy-to-navigate color touchscreen LCD reports detailed analysis of PDU input/output data per phase, per bank and per outlet. It also provides information on energy consumption and peak power demand. It can generate a unique QR code to allow read-only access to the PDU via mobile device. If an EnviroSense2 module (sold separately) is connected to the PDU, the LCD also displays its status and environmental data, such as temperature and humidity.

Easy to Install Vertically in an EIA-Standard 19 in. Rack
The 1.8-meter (70-inch) 0U PDU mounts vertically using the pre-installed toolless mounting buttons or the included brackets. Spare buttons are also included. Use the included PDUMVROTATEBRKT kit to install the PDU with outlets facing the rear for better airflow or equipment access. A 3.1-meter (10-foot) cord with NEMA L21-30P 3-phase input connects the switched PDU to a compatible AC power source, generator or protected UPS.

TAA-Compliant for GSA Schedule Purchases
The PDU3EVSR1L2130 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW	
UPC Code	037332243614
PDU Type	Managed
INPUT	
Input Phase	3-Phase
PDU Input Voltage	200; 208; 220; 230; 240
Recommended Electrical Service	Three-phase 200-240V service
Maximum Input Amps	24.0
Maximum Input Amps Details	24A
PDU Plug Type	NEMA L21-30P
Input Cord Details	10GA (SJT)
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity (kW)	8.6
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(30) C13; (6) C19
Output Nominal Voltage	200-240V

Customized Load Management Receptacles	Each outlet is individually controllable via remote interface
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LEDs	36 LEDs for Receptacle Status: GREEN (Power ON); FLASHING GREEN (Pseudo Breaker Activated)
Switches	4 Switches: Up, Down, Enter, Escape/Back
Current Measurement Accuracy (Amps)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%
PHYSICAL	
Material of Construction	Metal
Form Factors Supported	Vertical rackmount installation supported with included mounting brackets
Housing Color	Black
Included Mounting Accessories	2 x Mounting Button, 2 x Toothed Washers, 2 x M4 Black Phillips Head Machine Screws
PDU Form Factor	Vertical (0U)
Receptacle Color	Light grey, dark grey, black
Unit Dimensions (hwd / in.)	70.000 x 2.170 x 3.110
Unit Dimensions (hwd / cm)	177.8 x 5.51 x 7.90
Unit Weight (lbs.)	17.860
Unit Weight (kg)	8.10
ENVIRONMENTAL	
Operating Temperature Range	32° to 140°F (0° to 60°C)
Storage Temperature Range	5° to 158°F (-15° to 70°C)
Relative Humidity	5% to 95%, RH non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
COMMUNICATIONS	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Network Compatibility	1 Gbps (Gigabit)
Communications Interface	Pre-installed network card; USB
FEATURES & SPECIFICATIONS	
SNMP	Yes
LED Lights	Yes
STANDARDS & COMPLIANCE	

Product Certifications	CAN/CSA C22.2; UL 62368-1
Product Compliance	RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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