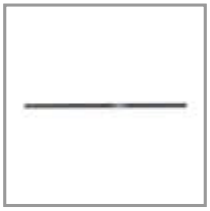
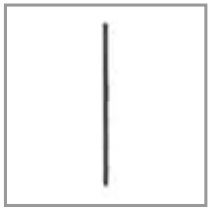
Single-Phase Managed Rack PDU G4, 208V, 42 Outlets, 24A, 5.8kW, L6-30 Input, 10 ft. Cord, 0U Vertical

MODEL NUMBER: **EVMAL630X**





Managed PDU with enhanced cybersecurity and global approval is ideal for data center managers seeking to streamline PDU procurement and management.

Features

Single-Phase Managed PDU Ideal for Data Center Managers with Large-Scale Distributed IT
The EVMAL630X Rack PDU G4 is ideal for streamlining PDU procurement and deployment within a 42U rack in an enterprise data center, colocation data center or distributed IT infrastructure. Equipped to meet even the most diverse data center rack power needs, the EVMAL630X delivers versatile, enterprise-quality power distribution.

Market-Leading Cybersecurity Ensures Your Data Is Kept Safe
Chain-of-trust encryption and secure firmware boot capability prevent the EVMAL630X PDU from being a cyberattack vulnerability point on a network. An embedded, hot-swappable gigabit network module (GNM) offers enhanced management and cybersecurity, including zero-trust architecture and zero-touch provisioning. The EVMAL630X is compatible with select Eaton Brightlayer Data Centers suite software solutions that enable extensive automation and remote management to shorten response times to power issues and ensure timely updates for stronger cybersecurity.

Remote Management Saves Time and Money
The GNM with multi-color screen supports performance management software for real-time reports, trend charts, dashboards and alerts that are prioritized by severity, as well as remote troubleshooting and automated responses during power events. The EVMAL630X is compatible with optional environmental sensors (sold separately) that provide alerts about temperature, humidity and dry-contact device connections.

42 Outlets Give You Plenty of Power Options
The EVMAL630X features 24 C13 outlets, which accept C14 connectors, and 18 high-retention C39 combo outlets, which accept both C14 and C20 connectors, adding flexibility to deployments and reducing the quantity of PDUs you will need to purchase and install.

Outlet-Level Control Boosts Performance and Efficiency
All 42 outlets provide metering, monitoring and switching for granular power data and precision control of power delivery. The outlets are evenly distributed into six color-coded load banks, each two sections with their own circuit breaker, to improve load balancing and organize connections in a crowded rack.

Convenient Box-to-Rack Installation

Highlights

- Embedded gigabit network module offers market-leading cybersecurity
- 42 outlets include 24 C13 and 18 universal C39, which accepts C14 and C20 plugs; Compatible with Eaton Tripp Lite P-Lock Power Cords
- Power metering, monitoring and switching available at the outlet level
- Toolless mounting buttons allow 0U vertical installation in your 42U rack

Package Includes

EVMAL630X Single-Phase Managed Rack PDU G4

This EVMAL630X rack PDU (rPDU) features toolless mounting buttons that allow front- or side-facing rack installation, depending on your rack's layout and your power needs. The 10-foot power cord with L6-30 input connects to a compatible AC source. Low-profile circuit breakers are flush with the lightweight aluminum chassis, and the narrow two-inch width saves space within the rack for revenue-generating equipment. You can cascade up to 40 EVMAL630X models with each model maintaining its own individual IP address from a single network connection point.

Specifications

OVERVIEW	
UPC Code	786689787677
PDU Type	Managed
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	208
Nominal Input Voltage Description	1P: 208V
Recommended Electrical Service	Single-phase 200-240V service
Maximum Input Amps	30
Input Connection Type	NEMA L6-30P
PDU Plug Type	NEMA L6-30P
Voltage Compatibility (VAC)	1-Phase; 200-240
Input Plug Type	NEMA L6-30P
Input Cord Details	NEMA L6-30P
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity (kVA)	5.8
Output Capacity (Watts)	5800
Output Capacity (kW)	5
Output Capacity Details	5.8kW (208V) total capacity; 24A max per output phase
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	C39 Compatible with P-Lock Power Cords
Output Circuit Breakers	(3) low-profile circuit breakers. 20A (US). One circuit breaker per two outlet banks.
Nominal Output Voltage(s) Supported	208V
Output Receptacles	(24) C13; (18) C39
Overload Protection	(3) 2-pole 20A circuit breakers

CONNECTIONS	
Ethernet Interface	Yes
Serial Interface	Yes
Daisy-chainable / Cascadable	Yes
Daisy-chainable / Cascadable Details	Cascade up to 40 PDUs
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	LCD pixel display with outlet-level readings and automatic shut-off to save energy. Set IP address, rotate display, control outlets, view alarms and read current, voltage, power and energy.
LED Indicators	Green = outlet is on Red = PDU has power but outlet is off
Current Measurement Accuracy (Amps)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Aluminum
Rack Height	0U
Form Factors Supported	Vertical
Housing Color	Black
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / in.)	75.00 x 7.72 x 5.40
Shipping Dimensions (hwd / cm)	190.50 x 19.61 x 13.72
Shipping Weight (lbs.)	21.60
Shipping Weight (kg)	9.80
Unit Dimensions (hwd / in.)	68.100 x 2.000 x 2.080
Unit Dimensions (hwd / cm)	172.97 x 5.08 x 5.28
Unit Weight (lbs.)	19.4
Unit Weight (kg)	8.80
Mounting Details	Factory-installed shoulder-style aluminum mounting buttons. 61.25” center-to-center Alternative flush-style mounting buttons also included with PDU.
ENVIRONMENTAL	
Operating Temperature Range	32° to 140°F (0° to 60°C)

Storage Temperature Range	-13° to 149°F (-25° to 65°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
Storage Elevation (ft.)	0-50000 ft. (0-15240 m)
COMMUNICATIONS	
Network Monitoring Port	Serial/Ethernet ports for environmental monitoring and daisy-chain connections
SNMP Compatibility	Yes
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 1000 Mbps
Network Speed Details	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 1000 Mbps
Network Management Card Description	Eaton Gigabit Network Module G4
FEATURES & SPECIFICATIONS	
High Availability PDU Features	Advanced cybersecurity; Remote management of individual outlets
STANDARDS & COMPLIANCE	
Product Certifications	ICES (Canada); UL 62368-1; cTUVus
Product Compliance	FCC Part 15 Class A (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty
Product Warranty Period (U.S. & Canada)	3-year limited warranty

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