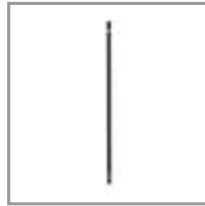
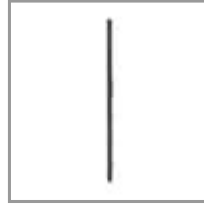




Powering Business Worldwide

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
- 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



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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 | 208V |
| Maximum Input Amps | 30.0 |
| Input Connection Type | NEMA L6-30P |
| PDU Plug Type | NEMA L6-30P |
| Voltage Compatibility (VAC) | 1-Phase; 208 |
| 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 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 |
| CONNECTIONS | |
| Ethernet Interface | Yes |



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| | |
|--|---|
| 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 |
| Included Mounting Accessories | Mounting buttons |
| Included Mounting Accessory Description | Factory-installed shoulder-style aluminum mounting buttons. 61.25" center-to-center Alternative flush-style mounting buttons also included with PDU. |
| 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 | Mounting Buttons |
| ENVIRONMENTAL | |
| Operating Temperature Range | 32° to 140°F (0° to 60°C) |



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| COMMUNICATIONS | |
|-------------------------------------|---|
| SNMP Compatibility | Yes |
| Network Compatibility | 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 | UL 62368-1; cTUVus |
| Product Compliance | FCC Part 15 Class A (USA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 3-year limited warranty |

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