

# Single-Phase Managed Rack PDU G4, 208V, 20 Outlets, 24A, 5.8kW, L6-30 Input, 10 ft. Cord, 0U Vertical

# MODEL NUMBER: EVMAL630B











Managed PDU with enhanced cybersecurity 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 EVMAL630B Rack PDU G4 is ideal for streamlining PDU procurement and deployment within a 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 EVMAL630B delivers versatile, enterprise-quality power distribution.

#### Market-Leading Cybersecurity Ensures Your Data Is Kept Safe

Chain-of-trust encryption, a user-configurable firewall and secure firmware boot capability prevent the EVMAL630B 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 EVMAL630B is compatible with select Eaton Brightlayer Data Centers suite software solutions that enable extensive automation to shorten response times to power issues and ensure timely updates for stronger cybersecurity.

#### **Remote Management Saves Time and Money**

Remote PDU management reduces or eliminates costly on-site visits by sending automated alerts about power issues and remotely rebooting a PDU or individual outlets. This improves response time and frees up resources for other tasks, which is especially critical in edge of network and distributed IT installations.

#### 20 Outlets Give You Plenty of Power Options

The EVMAL630B features 10 C13 outlets, which accept C14 connectors, and 10 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 20 outlets provide metering, monitoring and switching for granular power data and precision control of power delivery. The outlets are evenly distributed into color-coded load banks, each with its own circuit breaker, to improve load balancing and organize connections in a crowded rack.

#### Convenient Box-to-Rack Installation

This EVMAL630B 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

### **Highlights**

- Embedded Gigabit Network Module offers market-leading cybersecurity
- 20 outlets include 10 C13 and 10 flexible 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 rack

# **Package Includes**

EVMAL630B Single-Phase Managed Rack PDU G4



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 EVMAL630B models with each model maintaining its own individual IP address from a single network connection point.

# **Specifications**

OVERVIEW		
UPC Code	786689801502	
PDU Type	Managed	
INPUT		
Input Phase	Single-Phase	
PDU Input Voltage	208V	
Nominal Input Voltage(s) Supported	208V AC	
Recommended Electrical Service	Single-phase 208V service	
Maximum Input Amps	30.0	
PDU Plug Type	NEMA L6-30P	
Voltage Compatibility (VAC)	1-Phase; 208	
Input Cord Length (ft.)	10	
Input Cord Length (m)	3.05	
ОИТРИТ		
Output Capacity (kVA)	5.8	
Output Capacity (Watts)	5800	
Output Capacity (kW)	5.8	
Output Capacity Details	5.8kW (208V) total capacity; 30A max per output phase	
Frequency Compatibility	50 / 60 Hz	
Output Receptacle Details	(10) C13; (10) C39 combo outlets	
Output Circuit Breakers	(2) 3-pole 20A circuit breakers	
Nominal Output Voltage(s) Supported	200V; 208V; 220V; 230V; 240V	
Output Receptacles	(10) C13; (10) C39	
CONNECTIONS		
Ethernet Interface	Yes	
Serial Interface	Yes	
Daisy-chainable / Cascadable	Yes	
Daisy-chainable / Cascadable Details	Cascade up to 40 PDUs	



control outletis, view alarms and read current, voltage, power and energy.  Green = outlet is on Red = PDU has power but outlet is off  Unrent Measurement Accuracy Anna)  Voltage Measurement Accuracy Voltage Avi 1%  Voltage Measurement Accuracy Voltage Avi 1%  Avi 1%  Voltage Measurement Accuracy  Avi 1%  Voltage Measurement Accuracy	USER INTERFACE, ALERTS & CONTROLS		
Art	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.	
Amps)	LED Indicators	Green = outlet is on Red = PDU has power but outlet is off	
Volts) volts volts volts suppression  Automatic Shur-Off No  No  PHYSICAL  Material of Construction Aluminum Rack Height 0U  Form Factors Supported Vertical  Housing Color Black  Included Mounting Accessories Mounting buttons  Included Mounting Accessory Factory-installed shoulder-style eluminum mounting buttons. 61.25° center-to-center Alternative flush-style mounting buttons also included with PDU.  PDU Form Factor Vertical (UU)  Shipping Dimensions (hwd / in.) 46.30 x.7.72 x.5.40  Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72  Shipping Weight (lbs.) 9.80  Shipping Weight (kg) 4.45  Julit Dimensions (hwd / cm) 39.400 x 2.000 x 2.080  Julit Dimensions (hwd / cm) 100.77 x 5.08 x 5.28  Julit Weight (lbs.) 5.6  Julit Weight (kg) 2.54  Rack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Coperating Temperature Range 32° to 140°F (0° to 60°C)  Scorage Temperature Range 32° to 140°F (0° to 60°C)	Current Measurement Accuracy (Amps)	+/-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 Pecception Factor Vertical (UU) Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40 Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72 Shipping Weight (kg) 4.45 Shipping Weight (kg) 4.5 Shipping Weight (kg) 4.5 Shipping Weight (kg) 4.5 Shipping Weight (kg) 5.6 Junit Dimensions (hwd / cm) 100.07 x 5.08 x 5.28 Junit Weight (kg) 2.54 Rack Units 23 Rounting Details Mounting Buttons  ENVIRONMENTAL  Deparating Temperature Range 32° to 140°F (0° to 60°C)  SOMMUNICATIONS	Voltage Measurement Accuracy (Volts)	+/-1%	
Automatic Shut-Off No  PHYSICAL  Material of Construction Aluminum  Clack Height OU  Form Factors Supported Vertical  Housing Color Black  Included Mounting Accessories Mounting buttons  Included Mounting Accessory 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 (OU)  Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40  Shipping Dimensions (hwd / cm) 17.60 x 19.61 x 13.72  Shipping Weight (kg) 9.80  Shipping Weight (kg) 4.45  Julit Dimensions (hwd / in.) 39.400 x 2.000 x 2.080  Julit Dimensions (hwd / cm) 100.07 x 5.08 x 5.28  Julit Weight (kg) 2.54  Rack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Deparating Temperature Range 32" to 140°F (0° to 60°C)  Storage Temperature Range 32" to 140°F (0° to 60°C)	Power Measurement Accuracy (Watts)	+/-1%	
Material of Construction Auminum  Rack Height OU  Form Factors Supported Vertical  Jousing Color Black Mounting Accessories Mounting Duttons Pactory-installed shoulder-style aluminum mounting buttons. 61.25° center-to-center Alternative flush-style mounting buttons also included Mounting Accessory PDU Form Factor Vertical (OU)  Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40  Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72  Shipping Weight (lbs.) 9.80  Shipping Weight (kg) 4.45  Joilt Dimensions (hwd / in.) 39.400 x 2.000 x 2.080  Joilt Dimensions (hwd / cm) 100.07 x 5.08 x 5.28  Joilt Weight (kg) 2.54  Rack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Decreating Temperature Range 32° to 140°F (0° to 60°C)  Storage Temperature Range 32° to 140°F (0° to 60°C)	SURGE / NOISE SUPPRESSION		
Aluminum  Rack Height 0U  Form Factors Supported Vertical  Housing Color Black  Included Mounting Accessories Mounting buttons  Included Mounting Accessory Bactory-installed shoulder-style aluminum mounting buttons. 61.25° center-to-center Alternative flush-style mounting buttons also included with PDU.  PDU Form Factor Vertical (OU)  Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40  Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72  Shipping Weight (lbs.) 9.80  Shipping Weight (kg) 4.45  Joint Dimensions (hwd / cm) 100.07 x 5.08 x 5.28  Joint Weight (lbs.) 5.6  Joint Weight (lbs.) 5.6  Joint Weight (lbs.) 5.6  Joint Weight (lbs.) 5.6  Sack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Deparating Temperature Range 32° to 140°F (0° to 60°C)  Storage Temperature Range 32° to 140°F (0° to 60°C)	Automatic Shut-Off	No	
Rack Height 0U Form Factors Supported Vertical Housing Color Black Included Mounting Accessories Mounting buttons Included Mounting Accessory 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.) 46.30 x 7.72 x 5.40 Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72 Shipping Weight (lbs.) 9.80 Shipping Weight (kg) 4.45 Julit Dimensions (hwd / cm) 100.07 x 5.08 x 5.28 Julit Weight (lbs.) 5.6 Julit Weight (lbs.) 5.6 Julit Weight (lbs.) 5.6 Sack Units 23 Mounting Details Mounting Buttons  ENVIRONMENTAL  Deparating Temperature Range 32* to 140°F (0° to 60°C)  EXAMBINITY ACCESSORY AC	PHYSICAL		
The Factors Supported Vertical  Housing Color Black  Housing Color Black  Mounting buttons  Housed Mounting Accessories  Housed Mounting Accessory  Description Factor Factor  Pertical (OU)  Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40  Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72  Shipping Weight (lbs.) 9.80  Shipping Weight (kg) 4.45  Juit Dimensions (hwd / cm) 10.007 x 5.08 x 5.28  Juit Weight (kg) 5.6  Juit Weight (kg) 2.54  Rack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Deparating Temperature Range 32° to 140°F (0° to 60°C)  EDMMUNICATIONS	Material of Construction	Aluminum	
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 (OU)  Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40  Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72  Shipping Weight (lbs.) 9.80  Shipping Weight (kg) 4.45  Junit Dimensions (hwd / cm) 100.07 x 5.08 x 5.28  Junit Dimensions (hwd / cm) 100.07 x 5.08 x 5.28  Junit Weight (kg) 2.54  Rack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Deparating Temperature Range 32° to 140°F (0° to 60°C)  Storage Temperature Range 32° to 140°F (0° to 60°C)	Rack Height	OU OU	
Mounting Accessories Mounting Accessory Description De	Form Factors Supported	Vertical	
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PDU Form Factor Vertical (0U)  Shipping Dimensions (hwd / in.) 46.30 x 7.72 x 5.40  Shipping Dimensions (hwd / cm) 117.60 x 19.61 x 13.72  Shipping Weight (lbs.) 9.80  Shipping Weight (kg) 4.45  Juit Dimensions (hwd / in.) 39.400 x 2.000 x 2.080  Juit Dimensions (hwd / cm) 100.07 x 5.08 x 5.28  Juit Weight (lbs.) 5.6  Juit Weight (kg) 2.54  Rack Units 23  Mounting Details Mounting Buttons  ENVIRONMENTAL  Operating Temperature Range 32° to 140°F (0° to 60°C)  Storage Temperature Range 32° to 140°F (0° to 60°C)	Included Mounting Accessories	Mounting buttons	
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## Shipping Weight (kg)	Shipping Dimensions (hwd / cm)	117.60 x 19.61 x 13.72	
July   Dimensions (hwd / in.)   39.400 x 2.000 x 2.080     July   Dimensions (hwd / cm)   100.07 x 5.08 x 5.28     July   Weight (lbs.)   5.6     July   Weight (kg)   2.54     Rack Units   23     Mounting Details   Mounting Buttons	Shipping Weight (lbs.)	9.80	
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Unit Weight (kg)  2.54  Rack Units  23  Mounting Details  Mounting Buttons  ENVIRONMENTAL  Operating Temperature Range  32° to 140°F (0° to 60°C)  Storage Temperature Range  32° to 140°F (0° to 60°C)	Unit Dimensions (hwd / cm)	100.07 x 5.08 x 5.28	
Rack Units  Mounting Details  Mounting Buttons  ENVIRONMENTAL  Operating Temperature Range  32° to 140°F (0° to 60°C)  Storage Temperature Range  32° to 140°F (0° to 60°C)  COMMUNICATIONS	Unit Weight (lbs.)	5.6	
Mounting Details  Mounting Buttons  ENVIRONMENTAL  Operating Temperature Range 32° to 140°F (0° to 60°C)  Storage Temperature Range 32° to 140°F (0° to 60°C)  COMMUNICATIONS	Unit Weight (kg)	2.54	
ENVIRONMENTAL  Operating Temperature Range 32° to 140°F (0° to 60°C)  Storage Temperature Range 32° to 140°F (0° to 60°C)  COMMUNICATIONS	Rack Units	23	
Operating Temperature Range 32° to 140°F (0° to 60°C) Storage Temperature Range 32° to 140°F (0° to 60°C)  COMMUNICATIONS	Mounting Details	Mounting Buttons	
Storage Temperature Range 32° to 140°F (0° to 60°C)  COMMUNICATIONS	ENVIRONMENTAL		
COMMUNICATIONS	Operating Temperature Range	32° to 140°F (0° to 60°C)	
	Storage Temperature Range	32° to 140°F (0° to 60°C)	
Network Monitoring Port Serial/Ethernet ports for environmental monitoring and daisy-chain connections	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	
STANDARDS & COMPLIANCE		
Product Certifications	ICES (Canada); UL 62368-1; cTUVus	
Product Compliance	FCC Part 15 Class A (USA); RoHS	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	3-year limited warranty	
Product Warranty Period (U.S. & Canada)	3-year limited warranty	

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