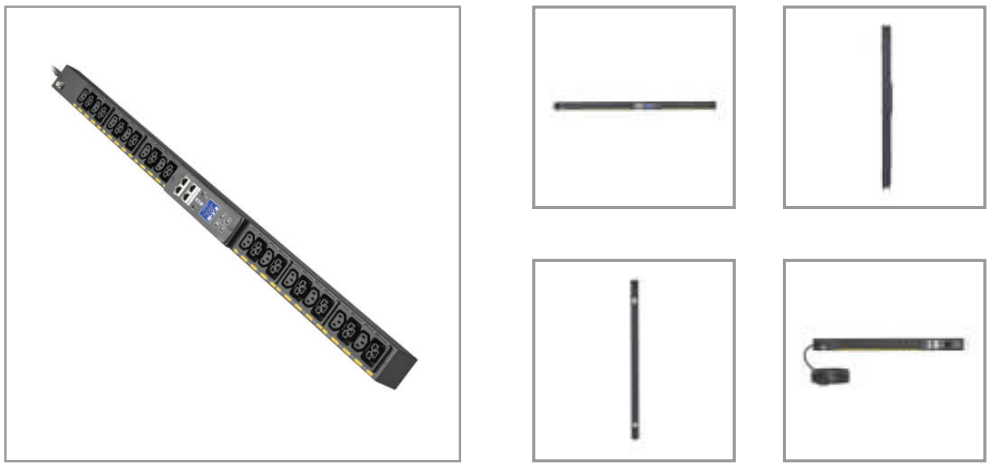
Single-Phase Metered Input Rack PDU G4, 100-240V, 24 Outlets, 16A, 3.8kW, C20/L6-20 Input, 10 ft. Cord, 0U Vertical

MODEL NUMBER: **EVMIL620A**



Metered input PDU with enhanced cybersecurity is ideal for data center managers seeking to streamline PDU procurement and management.

Highlights

- Embedded Gigabit Network Module offers market-leading cybersecurity
- 24 outlets include 12 C13 and 12 flexible C39, which accepts C14 and C20 plugs
- Color-coded load banks with individual breakers keep connections organized
- Toolless mounting buttons allow 0U vertical installation in your rack

Package Includes

EVMIL620A Single-Phase Metered Input Rack PDU G4

Features

Single-Phase Metered Input PDU Ideal for Data Center Managers with Large-Scale Distributed IT
The EVMIL620A 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 EVMIL620A 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 EVMIL620A 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 EVMIL620A 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.

Metering to Optimize Utilization and Prevent Down Time
High accuracy metering for voltage, current, power and energy. Use this data for capacity planning, alarming or reporting energy consumption. Set alarm thresholds to prevent overload and prevent costly down time. Power data is available on the local LCD display or over the network using Web, SNMP, CLI or RestAPI.

24 Outlets Give You Plenty of Power Options
The EVMIL620A features 12 C13 outlets, which accept C14 connectors, and 12 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. 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 EVMIL620A 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 has an attached C20 input and an L6-20 input adapter is included for versatility. 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 EVMIL620A models with each model maintaining its own individual IP address from a single network connection point.

Specifications

OVERVIEW	
UPC Code	786689801410
PDU Type	Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	100-240V
Nominal Input Voltage(s) Supported	100V AC; 120V AC; 200V AC; 208V AC; 230V AC; 240V AC
Recommended Electrical Service	Single-phase 200-240V service
Maximum Input Amps	20
Input Connection Type	IEC-320 C20; NEMA L6-20P
PDU Plug Type	IEC-320 C20; NEMA L6-20P
Voltage Compatibility (VAC)	1-Phase; 200-240
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity (kVA)	3.8
Output Capacity (Watts)	3800
Output Capacity (kW)	3.8
Output Capacity Details	3.8kW (120-240V) total capacity; 16A max per output phase
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	(12) C13; (12) C39 combo outlets
Nominal Output Voltage(s) Supported	100V; 110V; 115V; 120V; 200V; 208V; 220V; 230V; 240V
Output Receptacles	(12) C13; (12) C39
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.
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.)	46.30 x 7.72 x 5.40
Shipping Dimensions (hwd / cm)	117.60 x 19.61 x 13.72
Shipping Weight (lbs.)	9.70
Shipping Weight (kg)	4.40
Unit Dimensions (hwd / in.)	39.400 x 2.000 x 2.080
Unit Dimensions (hwd / cm)	100.07 x 5.08 x 5.28
Unit Weight (lbs.)	4.9
Unit Weight (kg)	2.22
Rack Units	23
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
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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