5.8kW Single-Phase Metered PDU, 200-240V Outlets (8 C19 and 40 C13), L6-30P, 10 ft. (3.05 m) Cord, 0U Vertical, TAA, 70 in.

MODEL NUMBER: **PDUMV30HV2**

Distributes 24A single-phase AC power to as many as 48 servers, routers, switches and other networking rack equipment. Features digital ammeters for real-time monitoring of load levels to prevent overloads.

Description

The 70-inch (178-centimeter) PDUMV30HV2 30A 200-240V 5.8kW Single-Phase Metered Power Distribution Unit features 48 outlets for distributing single-phase AC power to rack-mounted equipment, including computers, routers, switches and servers.

Outlets are arranged in two separate load banks, each with 24 outlets (4 C19 and 20 C13), a dedicated 20A circuit breaker and a digital meter that reports the bank's real-time output current in amps. The ammeters let you visually monitor each bank and maintain balanced loads to prevent circuit overloads and downtime due to breakers tripping. Special guards prevent the breakers from tripping accidentally. Outlets, breakers and ammeters are color-coded and labeled for easy identification.

An ideal PDU for server rooms, network closets and data centers, the PDUMV30HV2's all-metal housing comes ready to mount vertically in your rack using the preinstalled 9 mm buttons or the included hardware. The NEMA L6-30P input plug with 10-ft. (3.05 m) cord connects to your facility's compatible AC power source, generator or protected UPS. Included C20 and C14 plug-lock inserts connect to your components' plugs to ensure they remain connected and continuously powered. Use the included ground screw to connect any equipment that requires a chassis ground.

Features

Digital Meters Help Prevent Overloads

- Dual digital ammeters report real-time output current in amps
- Visual monitoring of PDU load level prevents overloading as more equipment is connected

Distributes Plenty of Single-Phase Power

- 30A 200-240V 5.8kW metered PDU (agency derated to 24A continuous)
- Dual load banks with separate 20A circuit breakers and digital ammeters
- 48 outlets—24 per bank (4 C19 and 20 C13)—distribute single-phase power to connected equipment
- Special guards prevent breakers from accidentally tripping
- Each bank is color-coded and labeled for convenient identification

Connects to AC Power Source

- NEMA L6-30P input plug with 10-ft. (3.05 m) cord for easy connection to main power source, generator or protected UPS
- Included plug-lock inserts ensure components remain connected and powered
- Included ground screw for equipment requiring chassis ground

Highlights

- Ideal for server rooms, network closets and data centers
- Dual load banks with 24 outlets each (4 C19 and 20 C13)
- Dedicated 20A circuit breakers protect output
- NEMA L6-30P input plug with 10-ft. (3 m) cord
- Ready for immediate toolless 0U installation

Package Includes

- PDUMV30HV2 30A 200-240V 5.8kW Single-Phase Metered PDU
- Plug-lock inserts (8 C20, 40 C13)
- Spare installation buttons, 2.9 mm/4.6 mm
- Ground screw
- Mounting hardware
- Owner's Manual

Easy to Mount With or Without Tools

- Ready for immediate toolless 0U installation using preinstalled 9 mm mounting buttons (spare 2.9 mm

  and 4.6 mm buttons included)

- Nut-and-bolt vertical installation possible with included mounting hardware

- Use included PDUMVROTATEBRKT mounting accessory for installation with outlets facing rear

TAA-Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332182807
PDU Type	Metered

INPUT	
PDU Input Voltage	200-240V
Recommended Electrical Service	Single-phase 30A 200-240V service
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L6-30P
Input Phase	Single-Phase
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05

OUTPUT	
Output Capacity Details	5.8kW (240V), 5.5kW (230V), 5.3kW (220V), 5kW (208V), 4.8kW (200V) total capacity / 30A max (Agency de-rated to 24A), 20A max per breakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(40) C13; (8) C19
Output Nominal Voltage	200-240V
Overload Protection	Two 20A breakers protect 24 outlets each

USER INTERFACE, ALERTS & CONTROLS	
Reported Load Segments	Supports local monitoring of output current for each output load bank; Outlets, circuit breakers and current meters are color-coded and labeled for easy identification (Black: 20A Bank 1 / Gray: 20A Bank 2)
Front Panel LCD Display	Set of two digital current meters report output current in two segments

Front Panel LEDs	n/a
Switches	n/a

PHYSICAL	
Form Factors Supported	0u vertical installation in equipment racks, plus under-counter and wallmount
Material of Construction	Metal
PDU Form Factor	Vertical (0U)
Shipping Dimensions (hwd / cm)	17.50 x 24.51 x 192.71
Shipping Dimensions (hwd / in.)	6.89 x 9.65 x 75.87
Shipping Weight (kg)	7.70
Shipping Weight (lbs.)	16.98
Unit Dimensions (hwd / cm)	177.8 x 6.88 x 6.4
Unit Dimensions (hwd / in.)	70 x 2.17 x 2.52
Unit Weight (kg)	5.60
Unit Weight (lbs.)	12.35

ENVIRONMENTAL	
Operating Temperature Range	0C ~ 50C (32F ~ 122F)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5-95% non-condensing

STANDARDS & COMPLIANCE	
Certifications	Tested to UL/CAN 60950-1 (USA, Canada), NOM (Mexico), FCC Class A (Emissions), ROHS Compliant, TAA Compliant

WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty