2.9kW Single-Phase Local Metered PDU with ISOBAR Surge Protection, 120V, 3840 Joules, 12 NEMA 5-15/20R Outlets, L5-30P Input, 15 ft. Cord, 1U Rack-Mount

MODEL NUMBER: **PDUMH30-ISO**







Delivers 120V single-phase AC power to multiple loads while also protecting connected equipment from dangerous surges and spikes.

Features

Single-Phase 120V PDU Distributes and Monitors Network-Grade Power to Multiple Loads
This local metered rack PDU (rPDU) is an ideal unit for telecom, security, audio/video and a wide variety of general portable and stationary rack-mount applications. Recommended for network-grade IT environments, the PDUMH30-ISO provides real-time monitoring of load levels via its built-in digital current metering. A 15-foot (4.6-meter) cord with L5-30P input plug connects to your facility's AC power source, generator or protected UPS system to distribute power to connected loads.

Digital Load Meter Helps Prevent Potentially Expensive Overloads
The PDUMH30-ISO features 12 NEMA 5-15/20R outlets in two separately breakered load banks. A digital ammeter reports the load for each bank separately, so you can balance loads across both built-in 20A breakers. Add the two load-bank current values together to determine total input current. Monitoring amperage helps ensure load levels remain well below maximum capacity with no danger of overload that could lead to costly downtime or damaged equipment. Maintaining proper load levels can keep your TCO (total cost of ownership) low.

3840 Joules per Load Bank Fight Back Against Unexpected Power Surges
Protecting your valuable electronics is ISOBAR® network-grade AC surge and noise suppression. A 3840-joule surge protection rating defends your sensitive electronic components against even the strongest power surges, spikes and line noise. The PDUMH30-ISO covers full normal (H-N) and common (N-G/H-G) protection modes. A green LED confirms your connected equipment is protected.

Up-to-Date Safety Features Protect Your Vital Equipment
The switchless design helps prevent an accidental shutdown, which could lead to costly downtime. Circuit breakers protect connected components from dangerous overloads.

Versatile Installation Options Give You Plenty of Choices
The reversible all-metal housing comes with mounting brackets for installation in 1U of space or 0U vertical mounting in an EIA-standard 19-inch rack. You can also reorient the brackets for permanent mounting under a counter or on a wall with user-supplied hardware.

Highlights

- Ideal metered PDU for telecom, security, A/V and other small network applications
- Digital ammeter for on-site load monitoring helps prevent power overloads
- 3840 joules protect your valuable electronics against dangerous surges and spikes
- 12 NEMA 5-15/20R outlets distribute AC power to connected equipment
- Flexible installation options include 1U and 0U rack, under counter and on wall

Package Includes

- PDUMH30-ISO 2.9kW 120V Single-Phase Local Metered PDU
- Rack-mounting hardware
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332255907
PDU Type	Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120V
Recommended Electrical Service	Single-phase 30A 120V service
Maximum Input Amps	30
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	NEMA L5-30P
Input Cord Length (ft.)	15
Input Cord Length (m)	4.57
OUTPUT	
Output Capacity (kW)	2.88
Output Capacity Details	2.88kW (120V) / 20A total capacity per bank; 16A max per 5-15/20R outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(12) 5-15/20R
Output Nominal Voltage	120V
Overload Protection	20A circuit breaker
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Two digit current meter reports PDU output load in amps
Switches	No power switch
LED Indicators	Set of 3 diagnostic LEDs continuously report status for LINE OK (green), suppressor or wiring FAULT (red) and PROTECTION PRESENT (green)
SURGE / NOISE SUPPRESSION	
AC Suppression Joule Rating	3840
AC Suppression Response Time	NM = 0 ns. CM = <1 ns
Protection Modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
Clamping Voltage (RMS)	140
AC Suppression Surge Current Rating	60,000 amps
EMI / RFI Filtering	40-80 dB
Immunity	Conforms to IEEE 587 / ANSI C62.41

Automatic Shut-Off	No
PHYSICAL	
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	1U rackmount, 0U vertical rackmount, wall-mount, and under-counter installation
Minimum Required Rack Depth (cm)	24.13
Minimum Required Rack Depth (inches)	9.5
PDU Form Factor	Horizontal (1U)
Receptacle Color	Black
Shipping Dimensions (hwd / in.)	20.28 x 11.22 x 3.07
Shipping Weight (kg)	4.45
Unit Dimensions (hwd / in.)	18.860 x 4.830 x 1.720
Unit Dimensions (hwd / cm)	4.37 x 47.90 x 12.27
Unit Weight (lbs.)	8.82
Unit Weight (kg)	4.00
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-22° to 122°F (-30° to 50°C)
Relative Humidity	5% to 95% non-condensing
Operating Elevation	0-10000 ft. (0-3000 m)
FEATURES & SPECIFICATIONS	
Grounding	Rear grounding lug
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 269.3 (Canada); CAN/CSA-C22.2 No. 62368-1 (Canada); IEC 62368-1; NOM (Mexico); RETIE (Colombia); UL 1363; UL 1449
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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