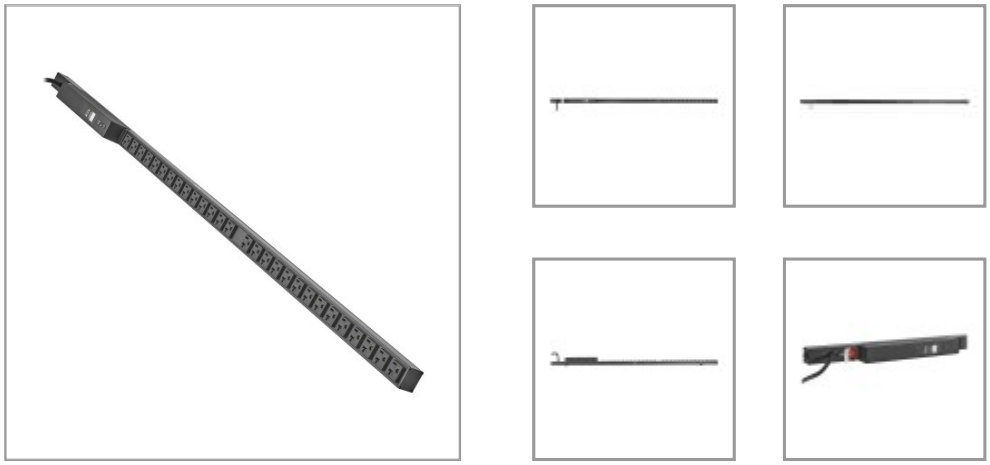
1.92kW Single-Phase Local Metered PDU with ISOBAR Surge Protection, 120V, 3840 Joules, 28 NEMA 5-15/20R Outlets, L5-20P Input, 15 ft. Cord, 0U Vertical

MODEL NUMBER: **PDUMV20-ISO**



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

Highlights

- Local metered PDU ideal 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
- 28 NEMA 5-15/20R outlets distribute AC power to connected equipment
- Flexible installation options include 0U rack, under counter and on wall

Package Includes

- PDUMV20-ISO 1.92kW 120V Single-Phase Local Metered PDU
- L5-20P to 5-20P plug adapter
- Mounting hardware
- Owner's manual

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 PDUMV20-ISO provides real-time monitoring of load levels via its built-in digital current metering. A 15-foot (4.6-meter) cord with L5-20P input plug (5-20P adapter included) 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 PDUMV20-ISO features 28 NEMA 5-15/20R outlets for delivering power to equipment. A digital ammeter reports the total input current in real time. 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 PDUMV20-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
All outlets are protected by a resettable 20A circuit breaker that shuts down the PDU in the event of a power load to safeguard connected equipment. A transparent cover protects the lighted on/off switch to help prevent an accidental shutdown that could lead to costly downtime.

Versatile Installation Options Give You Plenty of Choices
The 0U PDU mounts vertically using the included hardware. Vertical 0U mounting reduces cable clutter and permits efficient airflow through the rack. You can also install the long-lasting all-metal housing on a wall, raceway or a similar flat surface.

Specifications

OVERVIEW	
UPC Code	037332255884
PDU Type	Local Metered
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120V
Recommended Electrical Service	Single-phase 20A 120V service
Maximum Input Amps	16
Maximum Input Amps Details	Agency de-rated to 16A continuous
PDU Plug Type	NEMA 5-20P; NEMA L5-20P
Input Cord Length (ft.)	15
Input Cord Length (m)	4.57
OUTPUT	
Output Capacity (kW)	1.92
Output Capacity Details	1.92kW (120V) / 16A total capacity; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(28) 5-15/20R
Output Nominal Voltage	120V
Overload Protection	20A circuit breaker
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital meter reports PDU output current in amps
Front Panel LEDs	3 diagnostic LEDs continuously report status for LINE OK (green), suppressor or wiring FAULT (red) and PROTECTION PRESENT (green)
Switches	Lighted on/off switch with integrated transparent saftey cover
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	Aluminum
Rack Height	0U
Form Factors Supported	Vertical
Included Mounting Accessories	BUTTON MOUNTS
PDU Form Factor	Vertical (0U)
Receptacle Color	Black
Shipping Dimensions (hwd / in.)	2.56 x 4.72 x 63.98
Shipping Weight (kg)	4.10
Unit Dimensions (hwd / in.)	60.430 x 1.500 x 3.140
Unit Dimensions (hwd / cm)	153.59 x 3.81 x 4.17
Unit Weight (lbs.)	5.39
Unit Weight (kg)	2.44
Mounting Details	Mounting Buttons
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	5-95% non-condensing
Operating Elevation	0-6562 ft. (0-2000 m)
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 269.3 (Canada); CAN/CSA-C22.2 No. 62368-1 (Canada); NOM (Mexico); RETIE (Colombia); UL 1363; UL 1449; UL 62368-1
Product Compliance	RoHS
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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