1.9kW Single-Phase Switched PDU - LX Interface, 120V Outlets (16 5-15/20R), L5-20P/5-20P Input, 12 ft. (3.66 m) Cord, 1U Rack-Mount, TAA

MODEL NUMBER: **PDUMH20NET**









Highlights

- 1.9kW 120V Switched 16A 1U rackmount PDU, Reversible housing
- Pre-installed WEBCARDLX with latest version of PADM20 for IP-based Auto Probe feature
- Reports voltage, frequency and load level; Front-panel digital current meter
- 16 Switched NEMA 5-15/20R outlets and 12ft./3.6m NEMA L5-20P / 5-20P input cord
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Package Includes

- PDU with attached L5-20P power cord and WEBCARDLX network interface
- L5-20R-to-5-20P plug adapter
- 1U mounting brackets
- Configuration cable
- User manual

Features

- 20A 120V Switched Power Distribution Unit / rack PDU (rPDU) with built-in web/network interface (Agency derated to 16A continuous)
- Attached NEMA L5-20P input with NEMA 5-20P plug adapter, 12 ft. / 3.6m input cable
- 1U horizontal rackmount form factor
- 16 switched NEMA 5-15/20R outlets (8 front / 8 rear)
- Supports power-on, power-off or reboot of each outlet on a real-time or programmable basis
- Enables reboot of locked equipment, custom power-on/power-off sequences, load-shedding of optional loads and disabling unused outlets
- Network interface provides PDU control and data regarding input voltage and total output load level in amps
- Digital display continuously reports total output load level in amps
- Supports user-specified alarm notification thresholds
- Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilities
- PADM20 and PowerAlert Element Manager (PAEM) form a powerful tool for expanding maintenance functions in large installations, including firmware update checks and backup and restoration of device configurations
- IP-based Auto Probe detects lost connectivity and restores service autonomously
- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing
- Real-time clock backup maintains the time of day and date even if the PDU is unpowered
- Tiered access privileges allow an administrator and a guest to login via web browser
- Alert notifications via email or SNMP traps offer immediate event notification
- Firmware upgrade ability supports future product enhancements
- Supports HTTP, HTTPS, PowerAlert Network Management System, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP, NTP protocols
- Optional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring

capabilities

- Mounting flanges support installation in 2 and 4 post racks, with additional support for wall-mount and under-counter installation formats
- Mounting ears are reversible for front or rear facing rackmount installation
- Included cord retention brackets
- Compliant with the Federal Trade Agreements Act(TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332157683
PDU Type	Switched
INPUT	
Input Phase	Single-Phase
PDU Input Voltage	120
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.)	12
Input Cord Length (m)	3.66
OUTPUT	
Output Capacity Details	1.92kW (120V) / 16A total capacity; 16A max per outlet
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(16) 5-15/20R
Output Nominal Voltage	120V
Customized Load Management Receptacles	16 individually switched output receptacles
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports total PDU output current in amps
Front Panel LEDs	16 LEDs display power on-off status for each output receptacle. Pre-installed WEBCARDLX provides Ethernet Link and Status LED's for network activity along with a system status LED for monitoring system operation.
Switches	Recessed reset button for rebooting SNMP management card without affecting AC output to connected equipment
SURGE / NOISE SUPPRESSION	
Automatic Shut-Off	No

PHYSICAL	
Material of Construction	Metal
Rack Height	1U
Form Factors Supported	1U rackmount
Minimum Required Rack Depth (cm)	52.07
Minimum Required Rack Depth (inches)	20.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / in.)	5.40 x 20.60 x 23.30
Shipping Dimensions (hwd / cm)	13.72 x 52.32 x 59.18
Shipping Weight (lbs.)	16.70
Shipping Weight (kg)	7.57
Unit Dimensions (hwd / in.)	1.750 x 17.500 x 15.500
Unit Dimensions (hwd / cm)	4.44 x 44.4 x 39.4
Unit Weight (lbs.)	12.50
Unit Weight (kg)	5.67
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)
COMMUNICATIONS	
PowerAlert Software	LX Platform Interface: PowerAlert Device Manager
Communications Cable	Micro-USB- to-USB A configuration/console Access cable
Network Monitoring Port	RJ45 Network port, Micro-USB Configuration port, USB A port supports a variety of Envirosense2 environmental and control modules. See Accessories>Management Hardware section for more information about these modules.
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet)
FEATURES & SPECIFICATIONS	
Grounding	Grounding lug
High Availability PDU Features	Auto Probe Monitoring and Reboot (included); Auto Load Shedding
STANDARDS & COMPLIANCE	
Product Certifications	CSA (Canada); NOM (Mexico); UL 60950-1
Product Compliance	RoHS; FCC Part 15 Class A (USA); Trade Agreements Act (TAA)

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

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