

14.5kW 3-Phase Monitored PDU, 200/208/240V Outlets (42 C13 & 6 C19), Hubbell 50A CS8365C, 3 ft. Cord, 0U Vertical, TAA

MODEL NUMBER: PDU3VN3H50











High-capacity 14.5kW PDU powers high-density data center equipment racks. LED display and Ethernet interface help you monitor load levels with billing-grade accuracy to prevent PDU and circuit overloads that cause downtime.

Description

The PDU3VN3H50 14.5kW 3-Phase Monitored PDU features 48 outlets for distributing network-grade 200/208/240V AC power to rack-mounted network devices, including computers, servers, routers and switches. Outlets are arranged in three separate load banks, each with 16 outlets (14 C13 and two C19) and a dedicated 20A circuit breaker.

A built-in SNMPWEBCARD enables full remote access for power monitoring, configuration, control and notifications 24 hours a day via secure web browser, telnet or SSH, as well as real-time load/current data with billing-grade accuracy (+/- 1 percent). Tiered access privileges allow both an administrator and a guest to log in. Automated alerts help prevent accidental overloads, power loss and downtime. Digital LED display indicates amps, kilowatts, volts and power unbalance percentage, as well as temperature and humidity conditions when using the optional ENVIROSENSE module (sold separately).

Protocols supported include HTTP, HTTPS, PowerAlert®, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP. Network settings can be assigned automatically or manually.

Ideal for three-phase network configurations in high-density data centers and heavily configured equipment racks, the PDU3VN3H50 mounts vertically in 0U of rack space using the pre-installed buttons or included hardware. The Hubbell 50A CS8365C input plug with three-foot cord connects to a compatible AC power source, generator or protected UPS.

Features

Highlights

- Ideal for 3-phase configurations in high-density data centers
- 3-phase input and single-phase 200/208/240V output
- 48 outlets (42 C13, 6 C19) in 3 load banks with 20A breakers
- Ethernet network interface for full remote access 24/7
- Digital LED display for local load monitoring

Package Includes

- PDU3VN3H50 14.5kW 200/208/240V 3-Phase Monitored PDU, 3 ft. cord
- (42) C13/C14 plug-lock inserts
- (6) C19/C20 plug-lock inserts
- Spare mounting buttons
- (2) Conventional mounting brackets
- Configuration cable for network interface
- Button/bracket-mounting hardware
- · Owner's manual



Distributes Network-Grade Power

- 42 C13 and 6 C19 outlets distribute network-grade power to connected equipment
- 3 load banks with individual 20A circuit breakers
- Outlets numbered and color-coded for easy identification of phase and load bank

Multi-Function Digital LED Display

- Indicates amps, watts, volts, power unbalance percentage, as well as selected input phase, load bank, output power and sensor option
- Rotates 180° for overhead or raised-floor power feeds

Advanced Network Monitoring

- Built-in SNMPWEBCARD enables full remote access for power monitoring, configuration and control via secure web browser, telnet or SSH
- Real-time load/current data with billing-grade accuracy (+/- 1%)
- · Tiered access allows administrator and guest to log in
- · Automated alerts help prevent accidental overloads, power loss and downtime
- Optional ENVIROSENSE module (sold separately) monitors temperature and humidity conditions

Broad Communications Compatibility

- Supports HTTP, HTTPS, PowerAlert, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP, BOOTP and NTP
- Network settings can be automatically or manually assigned via permanent IP addresses

Connects to AC Power Source

- Hubbell 50A CS8365C input plug with 3 ft. cord for connection to mains power source, generator or protected UPS
- Plug-lock inserts keep equipment power cords connected to outlets

Ready for Immediate 0U Toolless Rack-Mounting

- Pre-installed buttons for toolless mounting in compatible EIA-standard 2-post and 4-post racks
- Conventional 0U installation possible with included mounting hardware

TAA-Compliant

• Complies with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW		
UPC Code	037332195050	
PDU Type	Monitored	
INPUT		
Input Phase	3-Phase	
Maximum Input Amps	35	



Maximum Input Ampa Details Agency de-rated to 35A continuous			
Input Cord Details Cord length (t) 3 Input Cord Length (m) 0.91 OUTPUT OUTPUT OUTPUT Output Capacity Details 14.5.KW (240V), 13.9.KW (230V), 13.3.KW (220V), 12.6KW (208V), 12.1.KW (200V) total capacity; 20A max per breakered outlet bank: 16A max per C19 outlet; 12A max per C13 outlet Frequency Compatibility 50 / 60 Hz Output Receptacles (42) C13; (6) C19 Output Roceptacles (42) C13; (6) C19 Output Roceptacles (42) C13; (6) C19 Overload Protection 3 20A circuit breakers, 1 per outlet bank USER INTERFACE, ALERTS & CONTROLS Reported Load Segments Per Section (11), 12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (62), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-12 feeds black outlets (81), 12-12 feeds black outlets (81), 12-13 feeds dark-gray outlets (63), 13-11 feeds (19)-12-12 feeds black outlets (81), 12-12 feeds black (81), 12-12 feeds black outlets (Maximum Input Amps Details	Agency de-rated to 35A continuous	
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OUTPUT Output Capacity Details 14.5kW (240Y), 13.9kW (230V), 13.3kW (220V), 12.8kW (208V), 12.1kW (200V) total capacity; 20A max per beakered outlet bank; 16A max per C19 outlet; 12A max per C13 outlet Frequency Compatibility 50 / 60 Hz Output Receptacles (42) C13; (6) C19 Output Nominal Voltage 200; 208; 240 Overload Protection 3 20A circuit breakers, 1 per outlet bank USER INTERFACE, ALERTS & CONTROLS Reported Load Segments Reports piput current per phase (L1, L2, L3) and output current for each breakered load bank (20A balanced max per banks B1-B3); Outlets are color-coded and labeled for phase and load bank (dentification: L1-L2 feeds black outlets (B1), L2-L3 feeds dark-gray outlets (B2), L3-L1 feeds light-gray outlets (B3). Front Panel LCD Display Large digital display reports Amperage, Klowasts, Voltage, Unbankance percentage, Temperature* and Humidity* information frequires ENIVIROSENSE option); Small digital display provides detail on the measurement the large display is reported percentage, 15MB, Temperation (T1, Humidity, 16MB), Load unbalance and serious black black (B1), Load bank (RP), Sensor (Sen), Load unbalance percentage, 15MB, Unbunkance (RP), Sensor (Sen), Load unbalance percentage, 15MB, Temperation (T1, Humidity, 16MB), Load unbalance and sensor options; HLASHINIG (Power OFF) FixeBack (III), Load bank (RP), Sensor (Sen), Load unbalance and Sensor options; Additional MiCDE button advances the LEDs to view the next measurement ECurrent Measurement Accuracy (Amps) Voltage Measurement Accuracy (Vidats) Voltage Measurement Accuracy (Vidats) No PHYSICAL Material of Construction Metal Form Factors Supported Vertical (OU) Shipping Dimensions (htwd / in), 6.20 x 9.80 x 75.50	Input Cord Length (ft.)	3	
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Shipping Dimensions (hwd / in.) 6.20 x 9.80 x 75.50	Form Factors Supported		
	PDU Form Factor	Vertical (0U)	
Shipping Dimensions (hwd / cm) 15.75 x 24.89 x 191.77	Shipping Dimensions (hwd / in.)	6.20 x 9.80 x 75.50	
	Shipping Dimensions (hwd / cm)	15.75 x 24.89 x 191.77	



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21.94		
9.95		
70.000 x 2.170 x 2.860		
177.8 x 5.512 x 7.264		
12.80		
5.81		
ENVIRONMENTAL		
5 to 140F (-15 to 50C)		
5 to 140F (-15 to 60C)		
5-95% non condensing		
0-10,000		
0-3000		
COMMUNICATIONS		
SNMPWEBCARD Interface: PowerAlert 12		
RJ45-to-DB9 configuration/console Access cable		
10 Mbps; 100 Mbps (Fast Ethernet)		
WARRANTY & SUPPORT		
2-year limited warranty		



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