Tripp Lite
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5.8kW Single-Phase Monitored Automatic Transfer Switch PDU, 2 200-240V 30A L6-30P Inputs, 1 L6-30R Outlet, 1U

MODEL NUMBER: **PDUMNH30HVAT**





High-capacity 5.8kW PDU with ATS provides remote power monitoring and enables redundant power for non-redundant hardware. Digital display and Ethernet interface help you monitor load levels to prevent overloads that cause downtime.

Highlights

- Two single-phase L6-30P inputs with 10-ft. (3.05 m) cords
- L6-30R outlet for connecting single device or 0U vertical PDU
- Automatic transfer switching within 1-5 ms
- Pre-installed WEBCARDLX with latest version of PADM20 for enhanced remote management
- Digital LED display for real-time status monitoring

Package Includes

- PDUMNH30HVAT 5.8kW Single-Phase 200-240V ATS/Monitored PDU
- Rack-mounting brackets
- Owner’s manual

Description

The PDUMNH30HVAT 5.8kW Single-Phase 200-240V Monitored Automatic Transfer Switch / ATS PDU provides remote power monitoring and enables redundant power for network devices with non-redundant power supply configurations. Ideal for data centers and server rooms, it mounts in 1U of space in EIA-standard 19-inch racks and features one L6-30R outlet—perfect for connecting a single device or a 0U 200-240V PDU with an L6-30P plug.

Dual 10-ft. (3.05 m) input cords with L6-30P plugs connect to separate primary and secondary single-phase power sources. The PDU constantly evaluates the power quality of both input sources. Dynamic solid-state (TRIAC) automatic transfer switching allows the PDU to switch to the secondary source within 1–5 milliseconds should the primary source fail or become unstable to ensure your connected equipment operates without interruption.

The Java-free HTML5-based LX Platform network interface enables full remote access for PDU status monitoring and email notifications via secure web browser, SNMP, telnet or SSH. It supports 10/100 Mbps auto-sensing for optimum communication with an Ethernet network. Optional EnviroSense2 modules (sold separate) provide a variety of environmental monitoring capabilities, including temperature and humidity conditions. Protocols supported include IPv4, IPv6, HTTP, HTTPS, SMTP, SNMPv1, SNMPv2, SNMPv3, telnet, SSH, FTP, DHCP and NTP. DHCP/Manual configuration lets you assign network settings to the card automatically, reducing the need for manual configuration. Automated alerts help prevent accidental overloads, power loss and downtime.

Features

Primary and Secondary Inputs for Power Redundancy Provides remote power monitoring and enables redundant power for network devices with non-redundant power supply configurationsDual 10-ft. (3.05 m) input cords with L6-30P plugs connect to separate primary and secondary single-phase power sources
Built-In L6-30R Outlet Connects a single device or indirectly powers equipment through a 0U 200-240V PDU with L6-30P input (sold separately)
Automatic Transfer Switching Dynamic solid-state (TRIAC) automatic transfer switchingSwitches to secondary power source if primary source fails or becomes unstable1-5 ms transfer time ensures uninterrupted operation of connected equipmentBuilt-in processor monitors both sources and prevents switching if secondary source is unavailable or of lower quality than primary source
Multifunction Digital Display Reports source A and source B input power status and other information,

including power availability, line voltage, frequency, amps, kilowatts and power factor
Advanced Network Monitoring Pre-installed WEBCARDLX with the latest version of PowerAlert Device Manager firmware (PADM20) provides enhanced remote management capabilitiesPADM20 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 configurationsOptional EnviroSense2 modules (sold separately) provide a variety of environmental monitoring capabilitiesReal-time load/current data with billing-grade accuracy (+/- 1 percent)Automated alerts help prevent accidental overloads, power loss and downtime
Broad Communications Compatibility10/100 Mbps auto-sensing allows optimal communication with 10/100 Base-T networksSupports HTTP, HTTPS, PowerAlert®, SMTP, SNMPv1, SNMPv2, SNMPv3, Telnet, SSH, FTP, DHCP and NTP
Mounts Horizontally in 1U of Rack Space Compatible with EIA-standard 19 in. 4-post racks and rack enclosuresOptional PDU4PKIT rail kit adds rear rack-mounting support

Specifications

OVERVIEW	
UPC Code	037332184917
PDU Type	Monitored; Auto-Transfer Switch
INPUT	
PDU Input Voltage	200-240V
Recommended Electrical Service	Two single-phase 30A 200-240V circuits
Maximum Input Amps	24
Maximum Input Amps Details	Agency de-rated to 24A continuous
PDU Plug Type	(2) NEMA L6-30P
Input Phase	Single-Phase
Input Cord Details	Set of two inputs connect to separate PRIMARY and SECONDARY power sources
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Capacity Details	5.8kW (240V), 5.5kW (230V), 5.3kW (220V), 5.0kW (208V), 4.8kW (200V); 24A total capacity
Frequency Compatibility	50 / 60 Hz
Output Receptacle Details	Output receptacle is on a 61cm / 24 inch cordset
Output Receptacles	(1) L6-30R
Output Nominal Voltage	200-240V
USER INTERFACE, ALERTS & CONTROLS	
Front Panel LCD Display	Digital display reports input current in amps (Source A, Source B), output kilowatts (total), input voltage (Source A, Source B), input frequency (Source A, Source B) and output power factor
Front Panel LEDs	Front panel LEDs confirm amp (A) / kilowatt (kW) / voltage (V) / frequency (Hz) and power factor (PF) reporting information; Additional set of LEDs indicate Source A and Source B inputs for preferred, available and in-use status

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Switches	ENTER and MODE switches toggle the digital display to display all reported information
Current Measurement Accuracy (Amps)	+/-1%
Voltage Measurement Accuracy (Volts)	+/-1%
Power Measurement Accuracy (Watts)	+/-1%
PHYSICAL	
Form Factors Supported	1U rackmount
Material of Construction	Metal
Minimum Required Rack Depth (cm)	44.45
Minimum Required Rack Depth (inches)	17.5
PDU Form Factor	Horizontal (1U)
Shipping Dimensions (hwd / cm)	19.00 x 54.99 x 52.50
Shipping Dimensions (hwd / in.)	7.48 x 21.65 x 20.67
Shipping Weight (kg)	8.41
Shipping Weight (lbs.)	18.53
Unit Dimensions (hwd / cm)	4.4 x 43 x 35.6
Unit Dimensions (hwd / in.)	1.72 x 16.93 x 14
Unit Weight (kg)	6.97
Unit Weight (lbs.)	15.37
ENVIRONMENTAL	
Operating Temperature Range	0C ~ 50C (32F ~ 122F)
Storage Temperature Range	-30°C to +60°C (-22°F to +140°F)
Relative Humidity	5 to 95% (non-condensing)
COMMUNICATIONS	
SNMP Compatibility	Pre-installed LX platform interface provides remote monitoring via Java-free HTML5 web interface, telnet, SSH and SNMP management systems
SPECIAL FEATURES	
High Availability PDU Features	Auto Probe Monitoring (included)
STANDARDS & COMPLIANCE	
Certifications	Tested to UL/CSA 60950-1 (USA, Canada), FCC Class A (Emissions), NOM (Mexico), RoHS Complaint
WARRANTY	

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Product Warranty Period (Worldwide)	2-year limited warranty

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