

Management Interface

The management interface for this PDU model is transitioning to a new technology platform. The new interface can be distinguished by a USB-A port (for EnviroSense2 modules) in place of the round **ENVIROSENSE** port. For managing the units containing the round port, Tripp Lite recommends using the PowerAlert Console Launcher rather than a web browser. This application enables local access of the PDU using a self-contained, compatible Java Runtime Environment version. The Console Launcher can be downloaded for free; click the above link or go to the Management Solutions / Utilities page. Units with the new interface work will with most current web browsers.

2.9kW Single-Phase Monitored PDU, 120V Outlets (16 5-15/20R), L5-30P, 10ft Cord, 2U Rack-Mount, TAA

MODEL NUMBER: **PDUMNH30**



Highlights

- Monitored 30A 120V PDU, 2U horizontal rackmount
- Reports voltage, frequency & load level via ethernet interface
- Visual current meter, Reversible housing
- L5-30P input with 10ft / 3m line cord
- 16 NEMA 5-15/20R outlets with included cord retention brackets
- Temperature, humidity and contact-closure monitoring options

Package Includes

- Rackmount PDU
- Plug retention plates
- Rack mounting brackets
- Owner's manual

Description

Tripp Lite single phase Monitored PDU / Power Distribution Unit offers real-time remote monitoring of voltage, frequency and load levels via built-in network connection. PowerAlert interface supports custom notification of user-specified remote conditions via email, secure web, SNMP, Telnet or SSH interface. PDU lighted digital display enables visual monitoring of PDU output current to prevent circuit overloads as additional equipment is added. Offers reliable rackmount multi-outlet power distribution from any protected UPS, generator or mains input power source. High quality design includes rugged all-metal housing and secure rackmount installation with included mounting accessories.

Features

- 30A single phase 120V Monitored Power Distribution Unit / PDU (agency derated to 24A continuous)
- Attached NEMA L5-30P input with 10ft / 3m line cord
- 2U horizontal rackmount format
- 16 NEMA 5-15/20R outlets
- Lighted display with select button reports output power consumption in amps in 3 segments (bank 1, bank 2 and total)
- Built-in SNMP/ethernet interface reports voltage, frequency and PDU loading via network or secure web browser interface with options for user specified alarm and notification thresholds
- Supports in-rack environmental reporting with optional **ENVIROSENSE** temperature / humidity sensor and rack access notification with up to 4 optional



SRSWITCH door sensors

- DHCP/Manual configuration support
- 10/100 Mbps auto-sensing allows optimal communication with 10/100 Base-T networks
- 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 for monitoring
- 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, BOOTP, NTP protocols
- Fully compatible with FREE PowerAlert Network Management System / NMS Software
- 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 keep vital network equipment plugged in and continuously powered
- Federal Trade Agreements Act / TAA Compliant for GSA Schedule purchases

Specifications

| OVERVIEW | |
|--|--|
| PDU Type | Monitored |
| OUTPUT | |
| Output Capacity Details | 3.05kW (127V), 2.88kW (120V), 2.4kW (100V) / 30A total capacity (Agency de-rated 24A); 20A max per breakered load bank; 16A max per outlet |
| Frequency Compatibility | 50 / 60 Hz |
| Output Receptacles | (16) 5-15/20R |
| Output Nominal Voltage | 100; 120; 127 |
| Overload Protection | Two 20A breakers protect 8 outlets each |
| Customized Load Management Receptacles | n/a |
| INPUT | |
| PDU Input Voltage | 100; 120; 127 |
| Recommended Electrical Service | 30A 120V |
| Maximum Input Amps | 30 |
| Maximum Input Amps Details | Agency de-rated to 24A continuous |
| PDU Plug Type | NEMA L5-30P |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| Input Phase | Single-Phase |



| USER INTERFACE, ALERTS & CONTROLS | |
|--|--|
| Front Panel LCD Display | Digital current meter reports PDU output current in amps for 3 loading segments (Bank 1, Bank 2 and Banks 1&2 combined) |
| Front Panel LEDs | Front panel LEDs indicate which loading segment the digital LCD current display is reporting; Bank 1 current level is reported when the Bank 1 LED is on; Bank 2 current level is reported when the Bank 2 LED is on; Total output of both banks is reported when both LEDs are on |
| Switches | Toggle switch prompts local display of power consumption in three segments (1) Breakered load bank 1, (2) Breakered load bank 2, (3) Breakered banks 1&2 combined |
| PHYSICAL | |
| Minimum Required Rack Depth (inches) | 17.5 |
| Minimum Required Rack Depth (cm) | 44.45 |
| Shipping Dimensions (hwd / in.) | 8 x 20.5 x 17 |
| Shipping Dimensions (hwd / cm) | 20.3 x 52.1 x 43.2 |
| Shipping Weight (lbs.) | 16.9 |
| Shipping Weight (kg) | 7.7 |
| Unit Dimensions (hwd / in.) | 3.5 x 17.5 x 12.5 |
| Unit Dimensions (hwd / cm) | 8.9 x 44.5 x 31.8 |
| Unit Weight (lbs.) | 13.8 |
| Unit Weight (kg) | 6.26 |
| Material of Construction | Metal |
| PDU Form Factor | 2U; Horizontal |
| Minimum Required Rack Depth (mm) | 444 |
| ENVIRONMENTAL | |
| Storage Temperature Range | 5 to 122F (-15 to 50C) |
| Relative Humidity | 5-95% non-condensing |
| Operating Elevation (ft.) | 0-10,000 |
| Operating Elevation (m) | 0-3000 |
| COMMUNICATIONS | |
| SNMP Compatibility | Pre-installed SNMPWEBCARD provides remote monitoring via web, telnet, and SNMP management systems |
| CERTIFICATIONS | |
| Certifications | Tested to UL 60950-1 (USA, Canada), Class A (Emissions), NOM (Mexico), RoHS compliant, TAA Compliant |
| WARRANTY | |



Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

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|-------------------------------------|-------------------------|
| Product Warranty Period (Worldwide) | 2-year limited warranty |
|-------------------------------------|-------------------------|

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JONHON

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Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А