SPECIFICATION SHEET

Network Switched Power Distribution Unit

Network switched PDUs with individual outlet control, load monitoring, and notification thresholds

OVERVIEW

Network Switched PDUs enable individual outlet power cycling, power sequencing, and load monitoring. This control can be accessed locally or remotely, multiplying the reach and ability of IT staff and caretakers. A single portal view provides visibility and control of power usage and available capacity, which simplifies the maintenance responsibilities of taxed IT departments.

FEATURES

- **Networked Controller:** Enables remote and local monitoring and control of the PDU and peripherals
- **Circuit Breaker Trip Detection / Alerting:** Get notification instantly in the instance of a tripped circuit breaker
- **Delayed Power Sequencing:** Sequence the order in which each outlet is turned on or off to avoid dropped power loads or circuit overloading
- **Outlet Use Management:** From the PDU GUI, you can remotely identify and control which outlets are on or off
- **Advanced Load Monitoring:** View the power being drawn for the entire PDU; receive notifications of potential issues or when near max amperage draw
- **High-Resolution Color LCD:** Displays energy reading, current, and voltage; access important configuration settings and alarm settings and control outlets which simplifies commissioning
- **Integrated Locking Outlets on IEC Receptacles:** Eliminates the need for special power cords that lock at the PDU
- **Rotatable Cord:** Enables maximum flexibility for routing the input plug—simplifying the installation of Zero U PDU's
- **Mounting Types:** Available in horizontal and vertical (on-rail, flush-rail, and button-mount) configurations to ensure power distribution is optimally located and simple to install
- **PDU Linking:** Cascade up to 16 PDUs via Ethernet or USB—this can minimize port usage on network switches or consolidate accessibility to multiple PDUs from a single IP address
- **Hydraulic-Magnetic Breakers:** Provide less heat dependent local protection and quick recovery from circuit overload by utilizing a two-step response curve—these breakers provide a delay on normal overcurrents, while tripping quickly on short circuits
- **Optional Environmental Sensors and Remote Locking:** Can alert to any environmental threats of downtime or potential physical security breaches
- **Software Interoperability:** Seamlessly integrate into any monitoring software with open JSON-RPC interface
  Compatibility – SNMP, LUA, Java, JavaScript, and Perl

ITEM DESCRIPTION

LP-61300	Rack PDU, Network Switched, Zero U, 24A, 120V, (24) 5-20R, L5-30P Cord

LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

- **RoHS:** Yes
- **UL Listed:** Yes
- **FCC:** Yes

SPECIFICATION SHEET

SPECIFICATIONS:

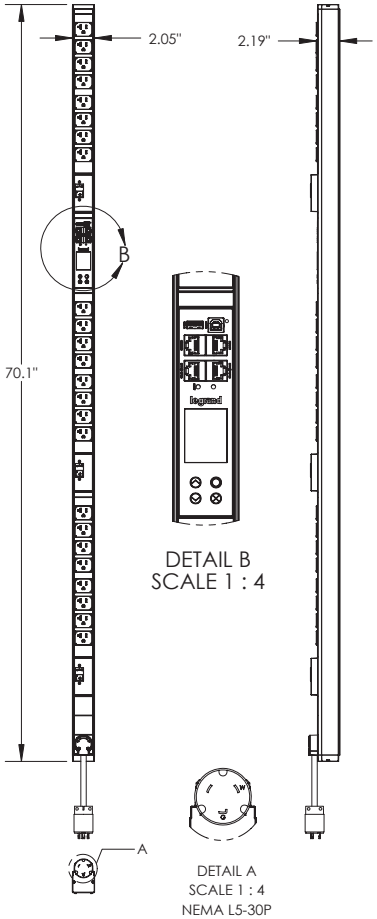
Network Switched Power Distribution Unit

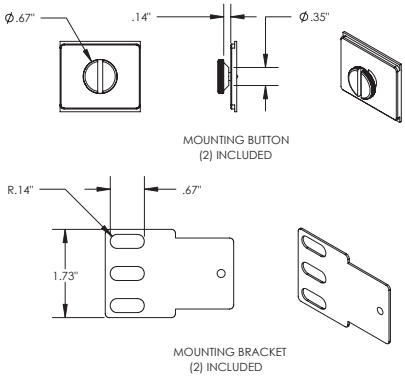
LP-61300 - Rack PDU, Network Switched, Zero U, 24A, 120V, (24) 5-20R, L5-30P Cord

SPECIFICATIONS

FEATURES

- Energy Metering: Voltage (V), Current (A), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor
- Metering Accuracy: ISO/IEC 62053-21 1%
- Metering per Input Line: Yes
- Metering per Branch Circuit Breaker: No
- Metering per Output Receptacle: No
- Remote Outlet Switching: Yes
- Environmental Sensor Ready: Yes
- Replaceable Controller: No
- Compatible Sensors: Temperature, Humidity, Air Flow, Differential Pressure, Water Leak, and Contact Closure
- Networking: Two (10/100 BaseT) Ethernet ports. Optional WiFi (802.11a/b/g/n)
- Remote Management: HTTP(s); SSH; Telnet; RS-232 (Serial); Power IQ; SNMP version v2/v3; SMTP; JSON-RPC
- Cascading: Yes, Max 16 PDUs can be daisy chained using a single Ethernet or USB connection
- Onboard Display: Color, matrix LCD display : Voltage, current, or active power (per line); Alarms; Configuration information (name, ratings, IP / Networking information)
- Embedded Processor: ARM Cortex A5 500MHZ (Atmel A5D21B), 16MB SPI Flash, 64MB DDR2 RAM





INPUT

- Input Plug: NEMA L5-30P (2P3W)
- Cord Length: 3 meters (9.84 feet) standard
- Cord Entry: Bottom-front feed
- Cable Type: IP44("splashproof")
- Number of Power Cords: 1
- Maximum Input Current: 30A
- Nominal Input Voltage: 120V, Single phase
- Rated Input Voltage: 100-120V
- Input Frequency: 50/60Hz
- Power Capacity: 2.4kVA at 100V, 2.9kVA at 120V

OUTPUT

- Nominal Output Voltage: 120V
- Rated Output Voltage: 100-120V
- Receptacles (Output Connections): (24) 5-20R, 16A
- Securelock Support: No
- Cord Retention: Yes
- Overload Protection: (3) LEGBXA6

PHYSICAL

- Color: Black & Silver
- Unit Dimensions (WxDxH): 52mm x 50mm x 1780mm; 2.0" x 2.0" x 70.1"
- Form Factor: ZeroU
- Mounting: Vertical Button Mount
  Horizontal/Vertical Mounting Bracket

ENVIRONMENTAL

- Operating Temperature: 45°C
- Operating Relative Humidity: 85%
- Operating Elevation: 0-10000ft

CONFORMANCE

- Regulatory Approvals: UL Listed, Canada ICES-003, Part 15 Class A of the FCC rules, RoHS compliant
- Warranty: Standard 2 years manufacturer warranty

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