DATA SHEET

Network Switched Power Distribution Unit

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

OVERVIEW

Distribute, manage, and control power to connected equipment, enabling load monitoring, individual outlet power cycling, and power sequencing. 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

– Advanced Load Monitoring: View and control the power being drawn for the entire PDU, receive notifications of potential issues or when near max amperage draw

– 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 named outlets and if an outlet is on or off

– High-Res Color LCD: Displays energy reading, current, and voltage; important configuration settings, alarm settings, and control outlets which simplifies commissioning.

– 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

– Integrated Locking Outlets on IEC Receptacles: Eliminates the need for special 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

– Optional Environmental Sensors and Remote Locking: Can alert of any 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

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ITEM DESCRIPTION

LP-61110	Rack PDU, Network Switched, 1U, 12A, 120V, (8) 5-20R, 5-15P Cord
LP-61210	Rack PDU, Network Switched, 1U, 16A, 120V, (8) 5-20R, L5-20P Cord
LP-62111	Rack PDU, Network Switched, 1U, 16A, 208V, (8) C13, L6-20P Cord
LP-61320	Rack PDU, Network Switched, 2U, 24A, 120V, (16) 5-20R, L5-30P Cord
LP-62320	Rack PDU, Network Switched, 2U, 24A, 208V, (16) C13, L6-30P Cord
LP-61100	Rack PDU, Network Switched, Zero U, 12A, 120V, (8) 5-20R, 5-15P Cord
LP-61200	Rack PDU, Network Switched, Zero U, 16A, 120V, (24) 5-20R, L5-20P Cord
LP-61300	Rack PDU, Network Switched, Zero U, 24A, 120V, (24) 5-20R, L5-30P Cord
LP-62201	Rack PDU, Network Switched, Zero U, 16A, 208V, (21) C13 & (3) C19, L6-20P Cord
LP-62300	Rack PDU, Network Switched, Zero U, 24A, 208V, (21) C13 & (3) C19, L6-30P Cord

LISTING AGENCIES/ THIRD PARTY CERTIFICATIONS

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

PHYSICAL & ELECTRICAL SPECIFICATIONS

Part No.	Form Factor	Mounting Type	Input						Receptacles				Circuit Breaker
			Input Nominal Voltage (V)	Input Current (A)	Input Current Rated (A)	Input Power Capacity (kW)	Inlet Location	Input Plug Type	IEC C13	IEC C19	NEMA 5-20R	Integrated Locking Outlets	
LP-61110	1U	Horizontal Rack	120V	15	12	1.4	Rear C20	5-15P			8		
LP-61210	1U	Horizontal Rack	120V	20	16	1.9	Rear C20	L5-20P			8		
LP-62211	1U	Horizontal Rack	208V	20	16	3.3	Rear	L6-20P	8			X	
LP-61320	2U	Horizontal Rack	120V	30	24	2.9	Rear	L5-30P			16		2x20A
LP-62320	2U	Horizontal Rack	208V	30	24	5	Rear	L6-30P	16			X	2x20A
LP-61100	Zero U	Button	120V	15	12	1.4	Front Rotatable	5-15P			8		
LP-61200	Zero U	Button	120V	20	16	1.9	Front Rotatable	L5-20P			24		
LP-61300	Zero U	Button	120V	30	24	2.9	Front Rotatable	L5-30P			24		3x20A
LP-62201	Zero U	Button	208V	20	16	3.3	Front Rotatable	L6-20P	21	3		X	
LP-62300	Zero U	Button	208V	30	24	5	Front Rotatable	L6-30P	21	3		X	3x20A

PDU ACCESSORIES

Part No.	Description	Compatibility	Sensor Range	Sensor Accuracy
LP-T1H1	LP-PDU Series, Single Temperature and Humidity Combo Sensor	Compatible with all networked PDUs (LP-4xxxx, LP-6xxxx)	-20°C to 20°C	+/- 2°C
			20°C to 70°C	+/- 0.5°C
			0% RH to 100% RH	+/- 2.5% /RH
LP-KIT-SCO-60-1D	LP-PDU Series, Single Electronic Swing handle Kit - High Security DIN lock			
LP-KIT-SCO-60-2D	LP-PDU Series, Dual Electronic Swing handle Kit - High Security DIN lock			

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Legrand, North and Central America

60 Woodlawn Street
West Hartford, CT 06110
1.877.BY.LEGRAND (295.3472)
www.legrand.us