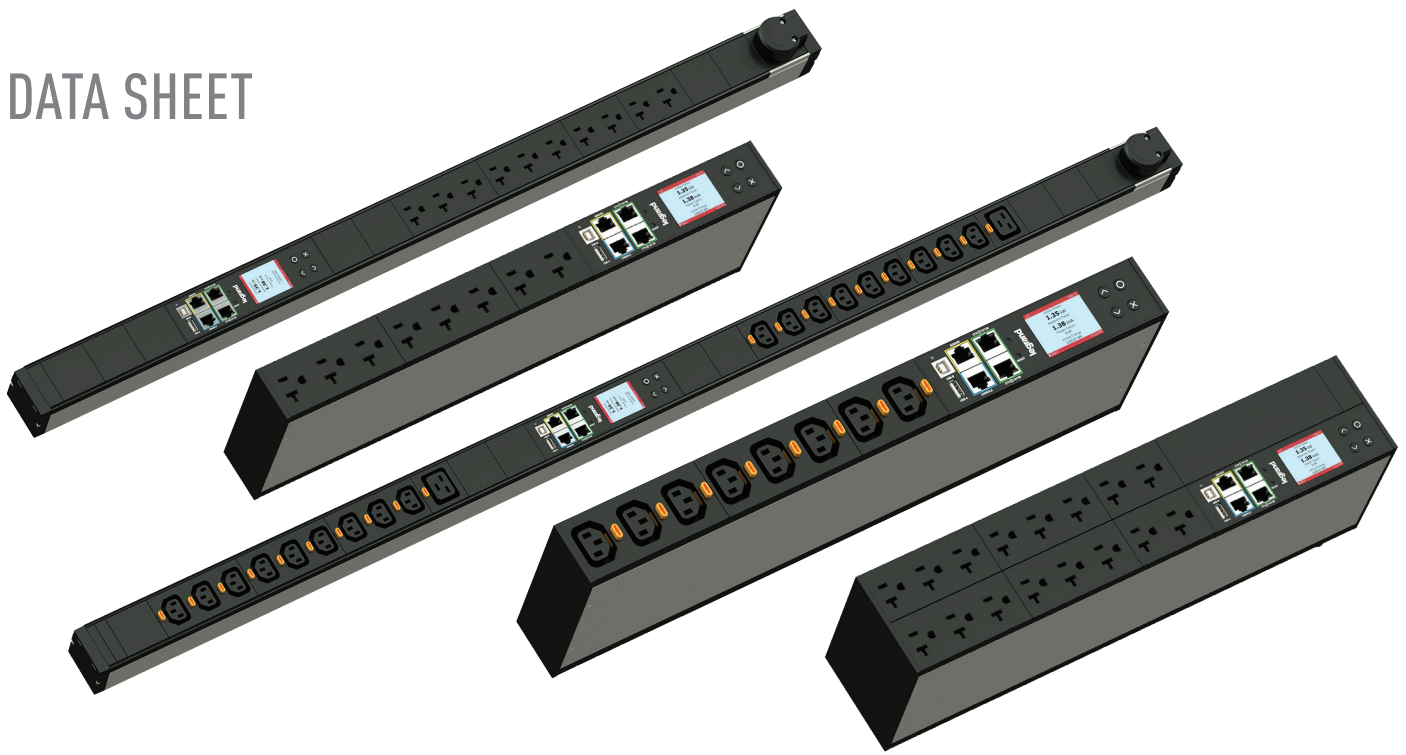# Network Metered Power Distribution Unit

Network metered PDUs with load monitoring and notification thresholds

OVERVIEW

Network Metered PDUs enable line level power metering in real time. Allowing remote monitoring of the load level, custom notifications, and user specified conditions. Each Network Metered PDU provides visibility and reporting of power usage on the PDUs Color LCD screen and to tablets, smart phones, or computers from nearly anywhere.

FEATURES

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

– **User Defined Notifications:** User defined thresholds for power draw or environmental factors with notifications if threshold have been met

– **Remote Management:** Manage and configure the unit from any location

– **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 locking cords

– **Rotatable Cord:** Enables maximum flexibility for routing the input plug—simplifying the installation of Zero U PDU's (Rotatable cord is not available on vertical PDU LP-42300)

– **Mounting Types:** Available in horizontal and vertical configurations to ensure power distribution is optimally located

– **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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DATA SHEET

ITEM DESCRIPTION

LP-41110	Rack PDU, Network Metered, 1U, 12A, 120V, (8) 5-20R, 5-15P Cord
LP-41210	Rack PDU, Network Metered, 1U, 16A, 120V, (8) 5-20R, L5-20P Cord
LP-42211	Rack PDU, Network Metered, 1U, 16A, 208V, (8) C13, L6-20P Cord
LP-41320	Rack PDU, Network Metered, 2U, 24A, 120V, (16) 5-20R, L5-30P Cord
LP-42320	Rack PDU, Network Metered, 2U, 24A, 208V, (12) C13 & (4) C19, L6-30P Cord
LP-41100	Rack PDU, Network Metered, Zero U, 12A, 120V, (10) 5-20R, 5-15P Cord
LP-41200	Rack PDU, Network Metered, Zero U, 16A, 120V, (24) 5-20R, L5-20P Cord
LP-41300	Rack PDU, Network Metered, Zero U, 24A, 120V, (24) 5-20R, L5-30P Cord
LP-42201	Rack PDU, Network Metered, Zero U, 16A, 208V, (18) C13 & (2) C19, L6-20P Cord
LP-42300	Rack PDU, Network Metered, Zero U, 24A, 208V, (36) C13 & (6) 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			Integrated Locking Outlets	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		
LP-41110	1U	Horizontal Rack	120V	15	12	1.4	Rear C20	5-15P			8		
LP-41210	1U	Horizontal Rack	120V	20	16	1.9	Rear C20	L5-20P			8		
LP-42211	1U	Horizontal Rack	208V	20	16	3.3	Rear	L6-20P	8			X	
LP-41320	2U	Horizontal Rack	120V	30	24	2.9	Rear	L5-30P			16		2x20A
LP-42320	2U	Horizontal Rack	208V	30	24	5	Rear	L6-30P	12	4		C13 Only	2x20A
LP-41100	Zero U	Button	120V	15	12	1.4	Front Rotatable	5-15P			10		
LP-41200	Zero U	Button	120V	20	16	1.9	Front Rotatable	L5-20P			24		
LP-41300	Zero U	Button	120V	30	24	2.9	Front Rotatable	L5-30P			24		2x20A
LP-42201	Zero U	Button	208V	20	16	3.3	Front Rotatable	L6-20P	18	2		X	
LP-42300	Zero U	Button	208V	30	24	5	End	L6-30P	36	6			2x20A

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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