

POWERLOK PDU SPECIFICATION

Specific Configurations

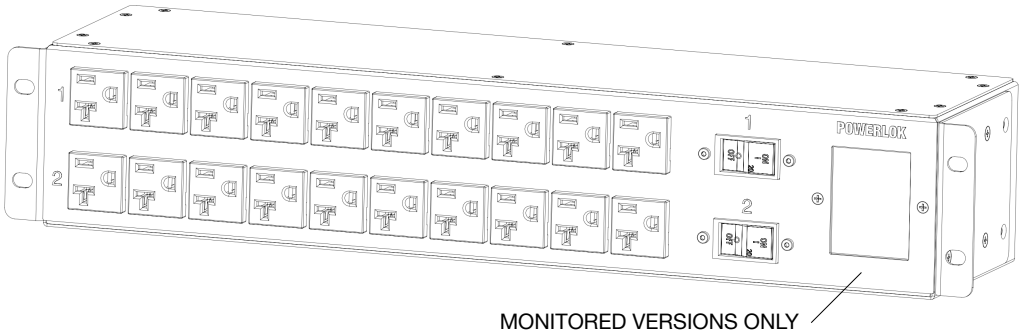
COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
SWITCHED READY MODEL	PL3101S-06C	PL3101S-10C	PL3101S-06R	PL3101S-10R	PL3101S-06W	PL3101S-10W	PL3101S-06B	PL3101S-10B
MONITORED MODEL	PL3101M-06C	PL3101M-10C	PL3101M-06R	PL3101M-10R	PL3101M-06W	PL3101M-10W	PL3101M-06B	PL3101M-10B
BASIC MODEL	PL3101B-06C	PL3101B-10C	PL3101B-06R	PL3101B-10R	PL3101B-06W	PL3101B-10W	PL3101B-06B	PL3101B-10B
DESCRIPTION	RACK PDU, 2U, 30A 120V 1PH, (20) 5-20R, L5-30P							
POWER	30A 120V 1PH (2.9 kW)							
PLUG TYPE	L5-30P							
PDU HEIGHT	2U							
RECEPTACLES	(20) 5-20R							
CORDLOK	NO							

Universal Specification

Over Current Protection	20A UL489 magnetic breakers
Power Whip	See PDU Ratings Table - page 2
Heavy Steel - Powder Coat Color	Per PowerLok specific configuration for color
Rack PDU Type	Horizontal 2U Rack-mount
Manufactured in the USA	Yes
Product Warranty	3-year from date of shipment, repair or replace.
Certification/Agency Approvals	TUV Certified to UL62368-1, UL60950-1, CSA22.2, NOM Addendum for Mexico, FCC Part 15 Class A conformance, RoHS compliant, TAA compliant.
Operating Environment	0-60C (32-149F), 5-95% relative humidity, 0-10,000ft (0-3000 meters) elevation.
Storage Environment	-25-65C (-13-149F), 5-95% relative humidity, 0-10,000ft (0-3000 meters) elevation.
Chassis Dimensions (LxWxD)	3.48” x 17.48” x 4.51”
Package Dimensions (LxWxD)	4.80” x 19.80” x 5.20”
Rack PDU Weight	7.9 lbs.
Packaged Weight (each)	10.2 lbs.

Monitored & Switched Versions Only

MONITORING TYPE:	REMOTE & TOUCHSCREEN DISPLAY, ENVIROLOK READY. SWITCHED READY
Monitoring Accuracy	Voltage: +/- 0.5% at nominal. Current: within 0.5% from 1A to 30A typical. +/-1% of measurement from 500mA to 30A.
Total Unit & Group Monitoring	Aggregate (kWh, W, VA) plus Phase: A, B, C Line Currents, plus Group: 1, 2, 3 Monitoring (kWh, W, VA, PF, V, A)
Network Interface	Ethernet RJ-45, 10 Mbit/s, 100 Mbit/s
Transport/Internet	TCP/IP v4, v6
Network Applications	HTTP/HTTPS Webserver SNMP-V1/V2c/V3 Network Management DHCP for dynamic IP address request from a server on the network. Remote firmware upgrade using FTP.
Touch & Rotatable Digital Display	Touch to rotate / touch to view data screens
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Environmental Monitoring	Optional EnviroLok daisy chain temp/humidity (optional - up to 4 sensors). Monitoring accuracy +/- 0.2C and +/- 2% Rh.

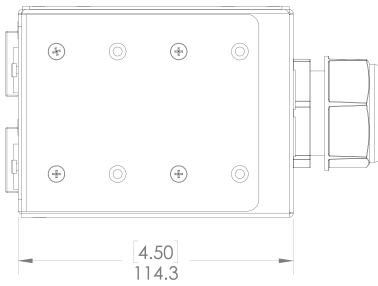
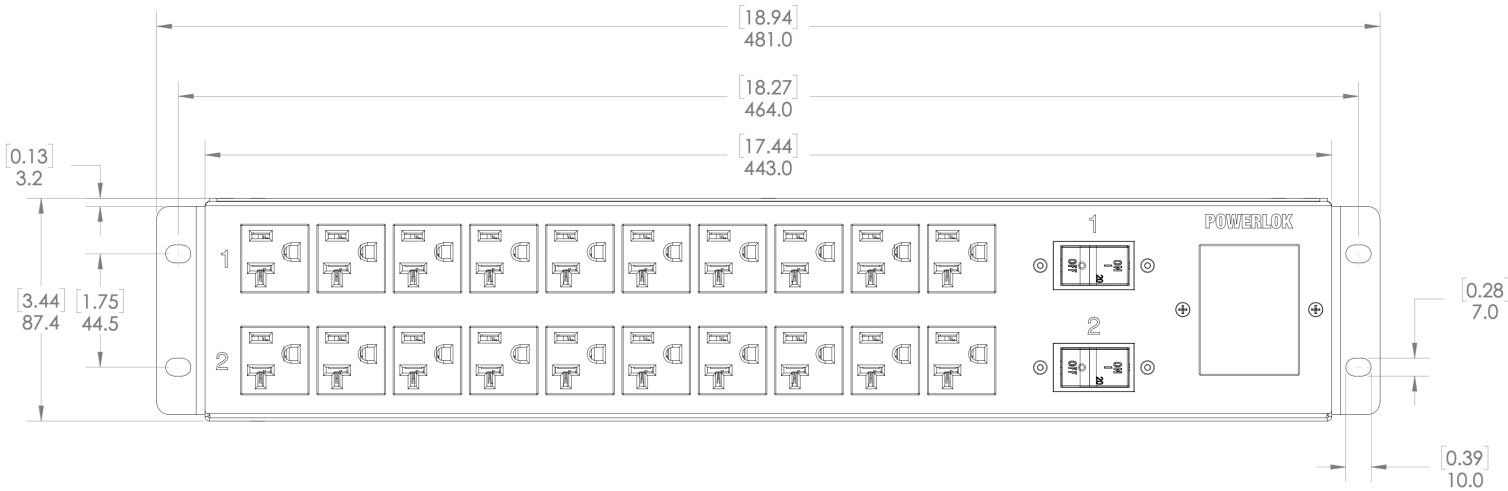
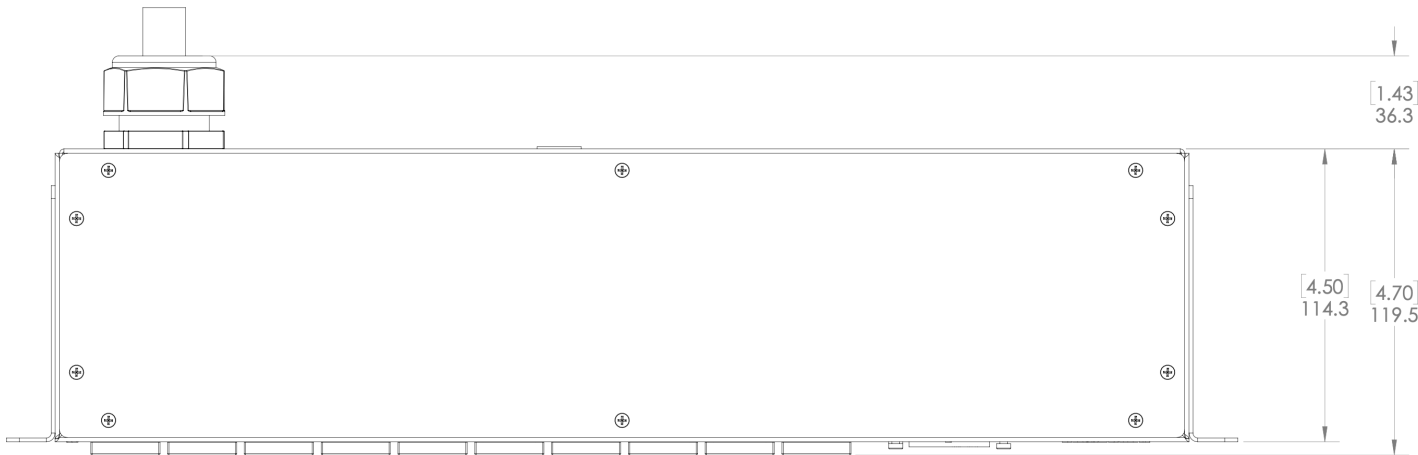
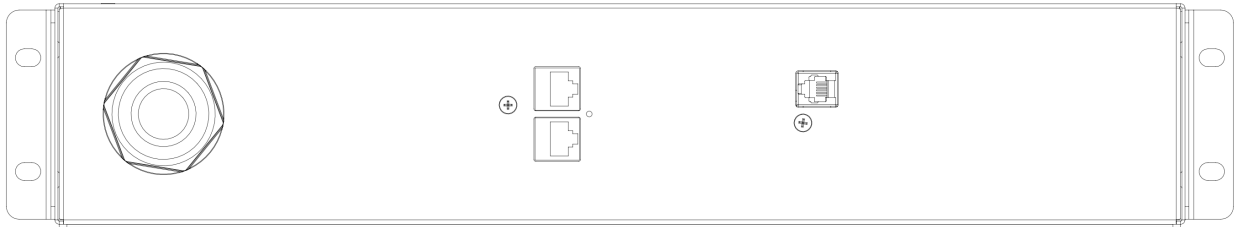


MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE:  X = +/- 0.5 .X = +/- 0.25 .XX = +/- 0.13 X' = +/- 0.5"	Gateview Technologies, Inc.	
*PRIOR TO MANUFACTURING, BUILD MODELS REQUIRE CUSTOMER SIGN-OFF. BY SIGNING, CUSTOMER AGREES THAT THIS ORDER IS NON-CANCELABLE AND NON-RETURNABLE.			TITLE: RACK PDU SPECIFICATION	
			DRAWING NUMBER: SP-PL3101	SHEET: 1 OF 2
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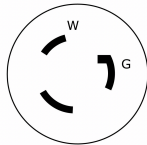
**OUTLINE DRAWING**  
 MONITORED & SWITCHED READY RACK PDU  
 2U, 30A 120V 1PH, (20) 5-20R, L5-30P



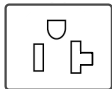
**PLUG/OUTLETS**

SEE CONFIGURATION TABLE FOR ACTUAL PLUG & OUTLETS

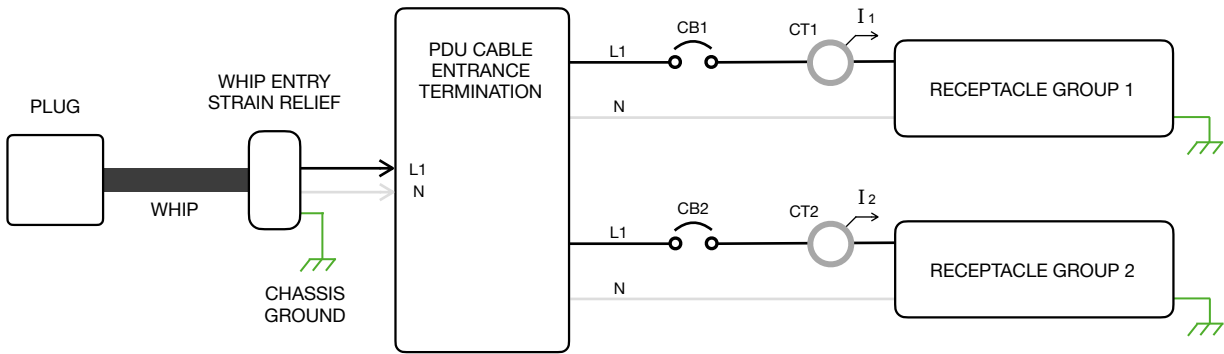
NEMA L5-30P . 30A/125V  
 MAX RATED INPUT



NEMA 5-20R 20A/125V  
 MAX RATED OUTPUT

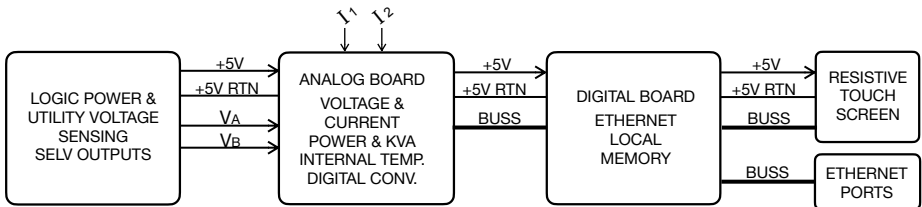


**PDU WIRING DIAGRAM & RATINGS TABLE**



INPUT POWER:	
WHIP TYPE	10GA 3-WIRE SOOW
VOLTAGE	125V 1PH
FREQUENCY	50/60 HZ
RATED AMPS	30A
MAX CONT.AMPS	24A
OUTPUT POWER:	
GROUP 1	PH A-B, 16A MAX CONT.
GROUP 2	PH A-B, 16A MAX CONT.

FOR MONITORED  
 VERSIONS ONLY.  
 BASIC MODELS DO  
 NOT HAVE CT'S.



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			DRAWING NUMBER: <b>SP-PL3101</b>	SHEET: <b>2 OF 2</b>
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