POWERLOK PDU SPECIFICATION

Specific Configurations

COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	8 FT	12 FT	8 FT	12 FT	8 FT	12 FT	8 FT	12 FT
SWITCHED READY MODEL	PL4201S-06C	PL4201S-10C	PL4201S-06R	PL4201S-10R	PL4201S-06W	PL4201S-10W	PL4201S-06B	PL4201S-10B
MONITORED MODEL	PL4201M-06C	PL4201M-10C	PL4201M-06R	PL4201M-10R	PL4201M-06W	PL4201M-10W	PL4201M-06B	PL4201M-10B
BASIC MODEL	PL4201B-06C	PL4201B-10C	PL4201B-06R	PL4201B-10R	PL4201B-06W	PL4201B-10W	PL4201B-06B	PL4201B-10B

DESCRIPTION	RACK PDU, 2U, 30A 208/240V 1PH, 18-C13, L6-30P, CORDLOK
POWER	30A 208/240V 1PH (5.0 kW)
PLUG TYPE	L6-30P
PDU HEIGHT	2U
RECEPTACLES	18-C13
CORDLOK	YES

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	7-year from date of shipment, repair or replace.
Certification/Agency Approvals	TUV Certified to UL/CSA 60950-1 with NOM Addendum for Mexico, FCC Part 15 Class A conformance, RoHS 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)	3.44" x 17.44" x 4.50"
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.
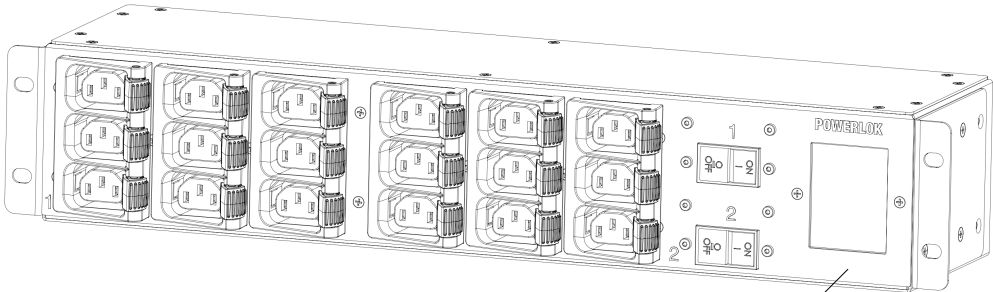
MONITORED VERSIONS ONLY

MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

*CUSTOMER SIGNATURE:	DATE:

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE:

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.

X = +/- 0.5
.X = +/- 0.25
.XX = +/- 0.13
X° = +/- 0.5°

TITLE:
RACK PDU SPECIFICATION

| DRAWING NUMBER: **SP-PL4201** | SHEET: **1 OF 2** |

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OUTLINE DRAWING
MONITORED & SWITCHED READY RACK PDU
2U, 30A 208/240V 1PH, 18-C13, L6-30P
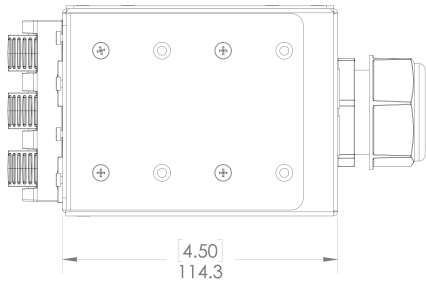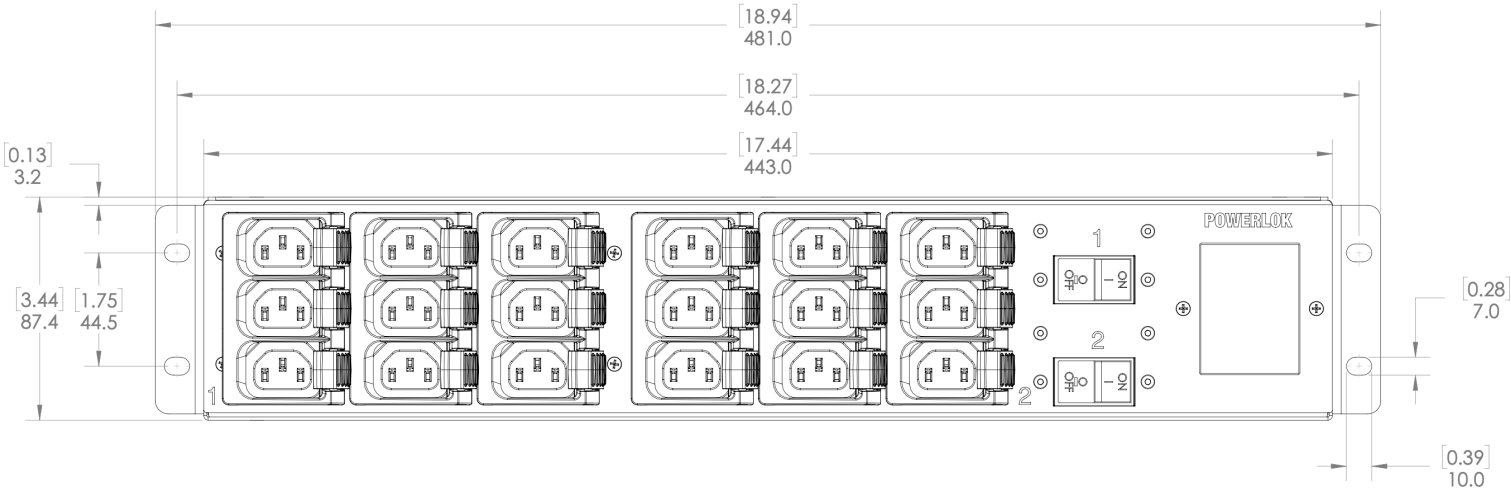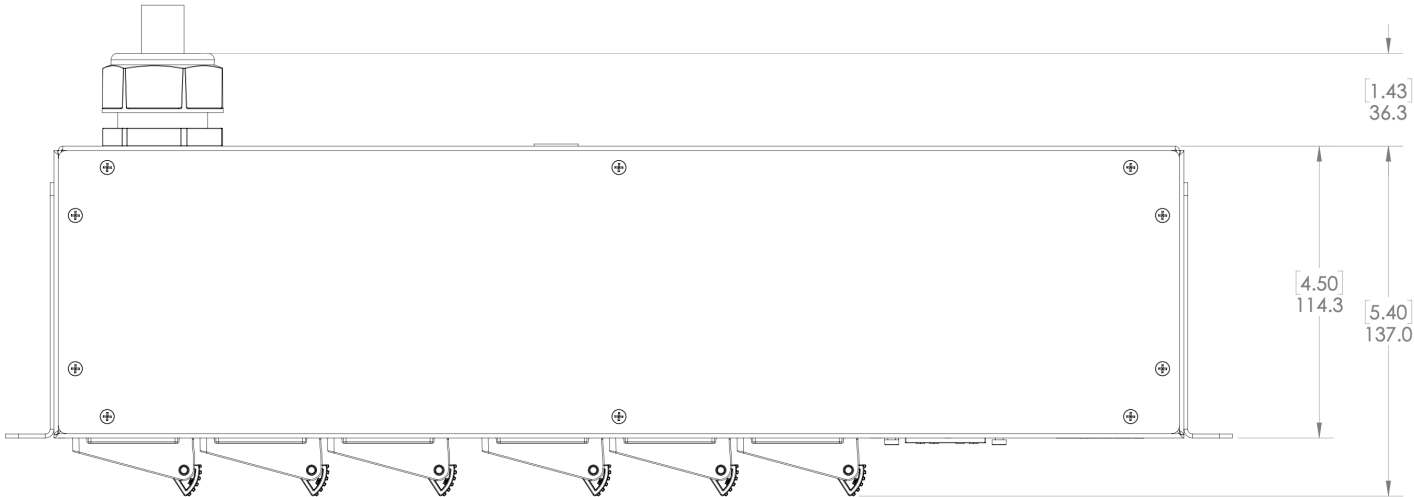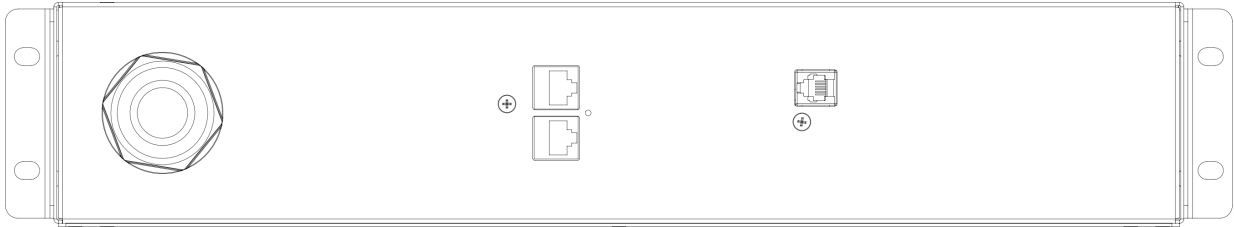
PLUG/OUTLETS
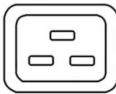SEE CONFIGURATION TABLE
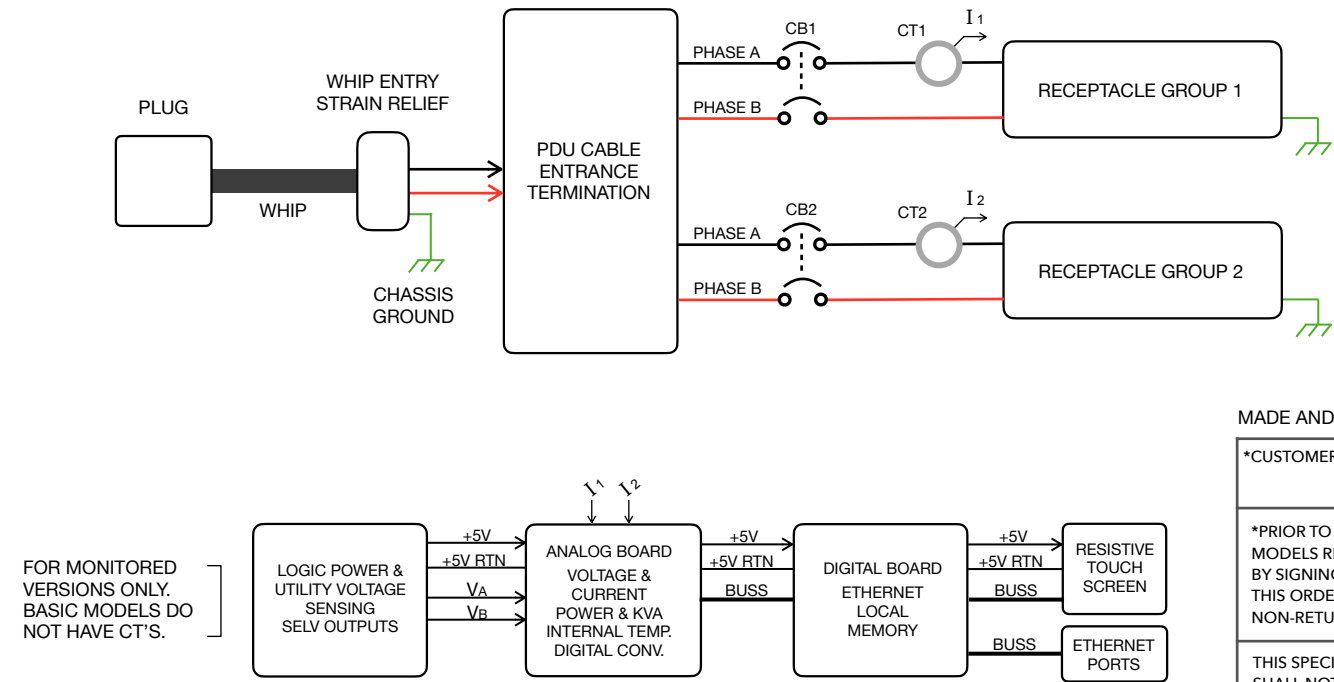FOR ACTUAL PLUG & OUTLETS

NEMA L6-30P . 30A/250V
MAX RATED INPUT

IEC 60320 C13 10A/250V
INTL. & 15A/250V N.A.
MAX RATED OUTPUT

IEC 60320 C19 16A/250V
INTL. & 20A/250V N.A.
MAX RATED OUTPUT

Dimensions (inch / mm):
1.43 / 36.3
4.50 / 114.3
5.40 / 137.0
18.94 / 481.0
18.27 / 464.0
17.44 / 443.0
0.13 / 3.2
3.44 / 87.4
1.75 / 44.5
0.28 / 7.0
0.39 / 10.0
4.50 / 114.3

POWERLOK

PDU WIRING DIAGRAM & RATINGS TABLE

PLUG — WHIP — WHIP ENTRY STRAIN RELIEF — CHASSIS GROUND — PDU CABLE ENTRANCE TERMINATION

PHASE A — CB1 — CT1 — I₁ — RECEPTACLE GROUP 1
PHASE B
PHASE A — CB2 — CT2 — I₂ — RECEPTACLE GROUP 2
PHASE B

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

LOGIC POWER & UTILITY VOLTAGE SENSING SELV OUTPUTS — +5V, +5V RTN, VA, VB
ANALOG BOARD VOLTAGE & CURRENT POWER & KVA INTERNAL TEMP. DIGITAL CONV. — I₁ I₂ — +5V, +5V RTN, BUSS
DIGITAL BOARD ETHERNET LOCAL MEMORY — +5V, +5V RTN, BUSS
RESISTIVE TOUCH SCREEN
ETHERNET PORTS

INPUT POWER:	
WHIP TYPE	10GA 3-WIRE SOOW
VOLTAGE	208/240V 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.

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