POWERLOK PDU SPECIFICATION

Specific Configurations
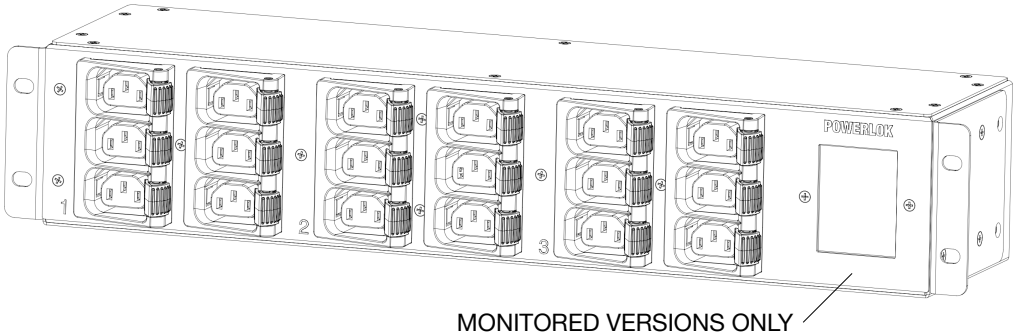
COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
SWITCHED READY MODEL	PL4401S-06C	PL4401S-10C	PL4401S-06R	PL4401S-10R	PL4401S-06W	PL4401S-10W	PL4401S-06B	PL4401S-10B
MONITORED MODEL	PL4401M-06C	PL4401M-10C	PL4401M-06R	PL4401M-10R	PL4401M-06W	PL4401M-10W	PL4401M-06B	PL4401M-10B
BASIC MODEL	PL4401B-06C	PL4401B-10C	PL4401B-06R	PL4401B-10R	PL4401B-06W	PL4401B-10W	PL4401B-06B	PL4401B-10B

DESCRIPTION	RACK PDU, 2U, 30A 208/240V DELTA 3PH, 18-C13, L15-30P, CORDLOK
POWER	30A 208/240V DELTA 3PH (10.0 kW)
PLUG TYPE	L15-30P
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	8.9 lbs.
Packaged Weight (each)	11.2 lbs.

Monitored & Switched Versions Only

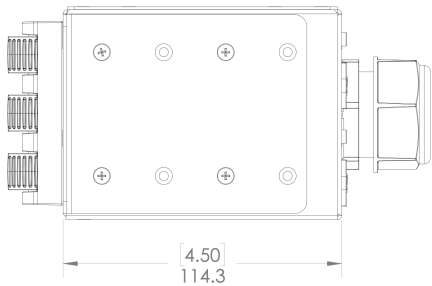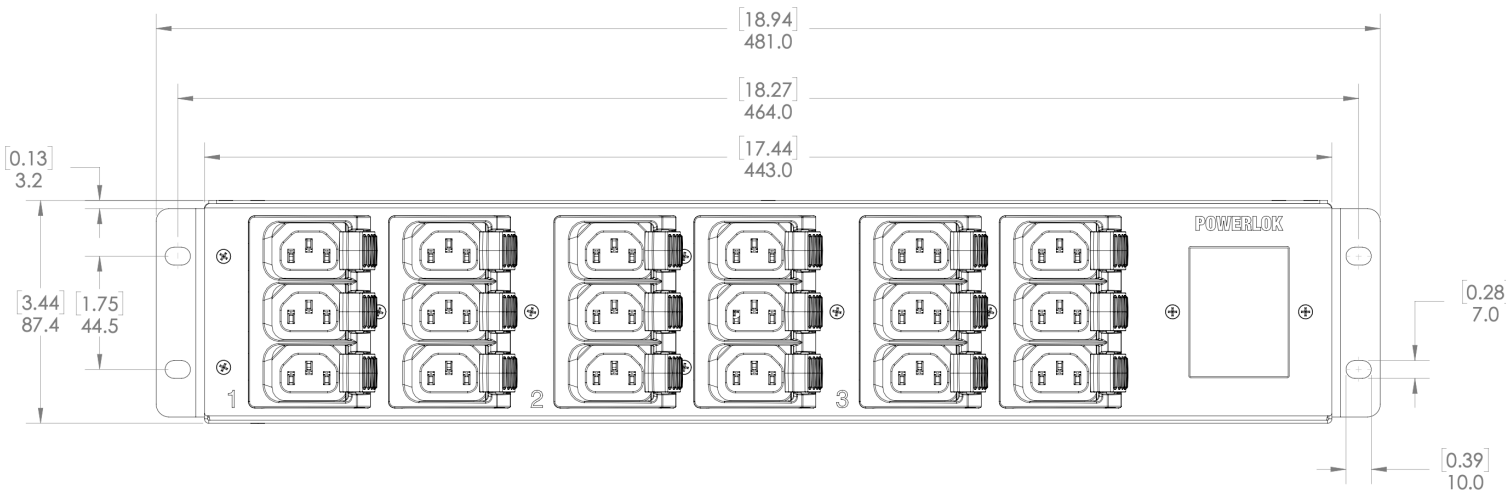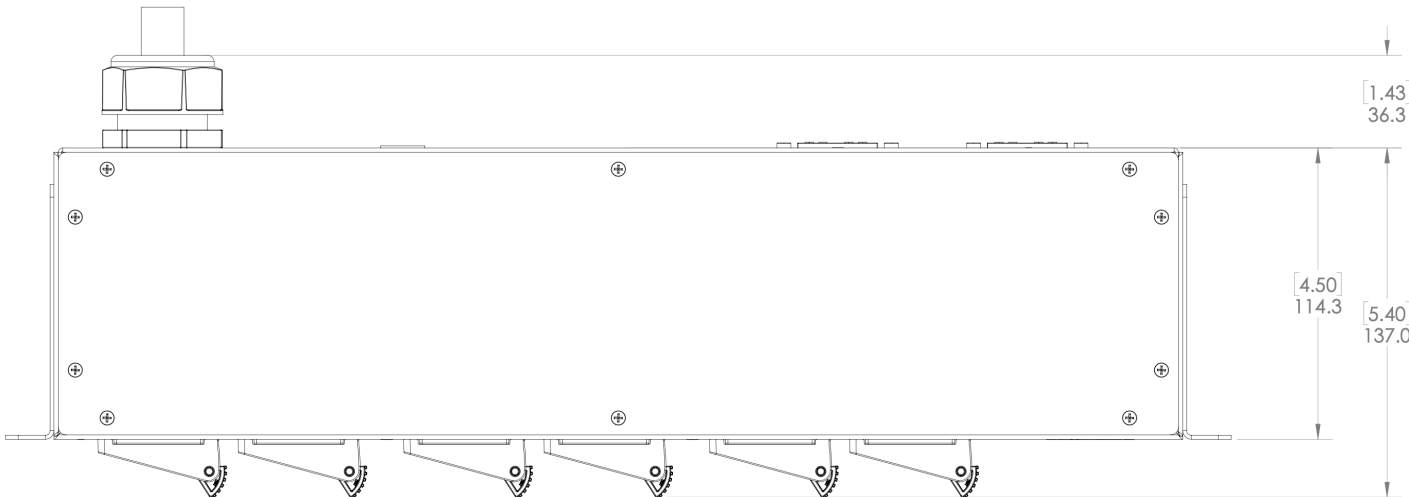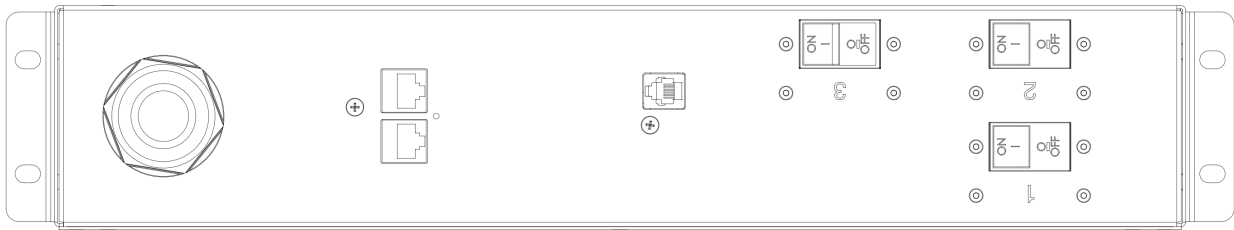|	
MONITORING TYPE:	REMOTE & TOUCHSCREEN DISPLAY, ENVIROLOK READY. SWITCHED READY
Monitoring Accuracy	Voltage: +/- 0.5% at nominal. Current: within 0.5% from 1A to 30A typical. +/1% of measurement from 500mA to 30A.
Total Unit & Group Monitoring	Aggregate (kWh, W, VA) plus Phase: A, B, C Line Currents, 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

OUTLINE DRAWING

MONITORED & SWITCHED READY RACK PDU

2U, 30A 208/240V DELTA 3PH, 18-C13, L15-30P, CORDLOK

PLUG/OUTLETS

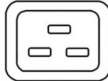SEE CONFIGURATION TABLE FOR ACTUAL PLUG & OUTLETS

L15-30P 30A/250V MAX RATED INPUT

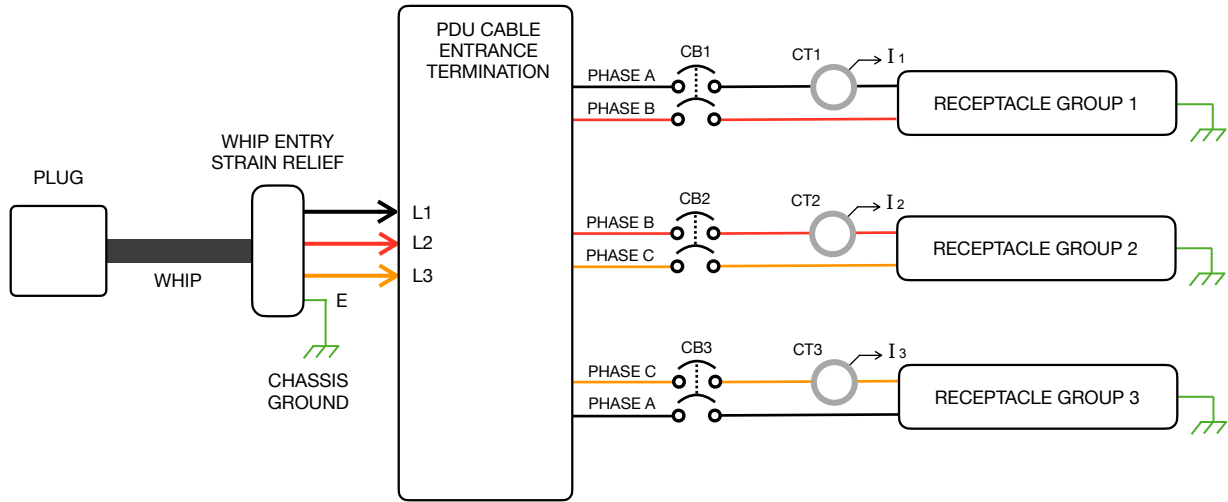IEC 60320 C13 10A/250V INTL. & 15A/250V N.A. MAX RATED OUTPUT

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

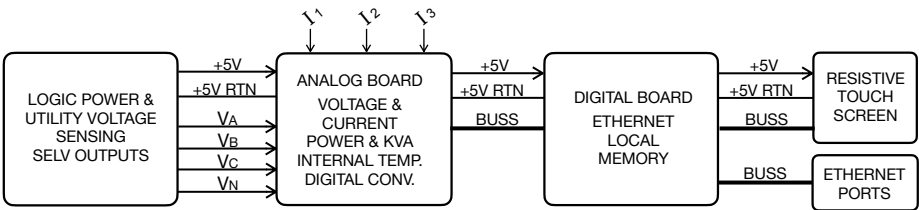NEMA L6-30R . 30A/250V MAX RATED OUTPUT

Dimensions (in / 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

L1
L2
L3
E

PHASE A — CB1 — CT1 — I_1 — RECEPTACLE GROUP 1
PHASE B

PHASE B — CB2 — CT2 — I_2 — RECEPTACLE GROUP 2
PHASE C

PHASE C — CB3 — CT3 — I_3 — RECEPTACLE GROUP 3
PHASE A

INPUT POWER:	
WHIP TYPE	10GA 4-WIRE SOOW
VOLTAGE	208/240V DELTA 3PH
FREQUENCY	50/60 HZ
RATED AMPS	30A
MAX CONT. AMPS	24A
OUTPUT POWER:	
GROUP 1	PH A-B, 16A MAX CONT.
GROUP 2	PH B-C, 16A MAX CONT.
GROUP 3	PH C-A, 16A MAX CONT.

FOR MONITORED VERSIONS ONLY. CT1-3 NOT ON BASIC MODELS.

LOGIC POWER & UTILITY VOLTAGE SENSING SELV OUTPUTS

+5V
+5V RTN
V_A
V_B
V_C
V_N

I_1 I_2 I_3

ANALOG BOARD VOLTAGE & CURRENT POWER & KVA INTERNAL TEMP. DIGITAL CONV.

+5V
+5V RTN
BUSS

DIGITAL BOARD ETHERNET LOCAL MEMORY

+5V
+5V RTN
BUSS

BUSS

RESISTIVE TOUCH SCREEN

ETHERNET PORTS

*CUSTOMER SIGNATURE: DATE:

*PRIOR TO MANUFACTURING, BUILD MODELS REQUIRE CUSTOMER SIGN-OFF. BY SIGNING, CUSTOMER AGREES THAT THIS ORDER IS NON-CANCELABLE AND NON-RETURNABLE.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE:
X = +/- 0.5
.X = +/- 0.25
.XX = +/- 0.13
X° = +/- 0.5°

TITLE:
RACK PDU SPECIFICATION

DRAWING NUMBER:	SHEET:
SP-PL4401	**2 OF 2**