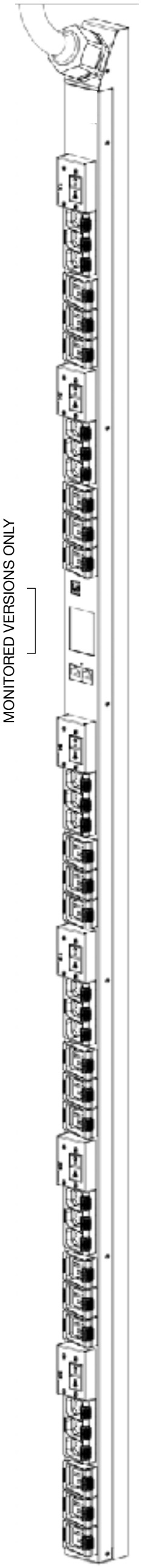
POWERLOK RACK PDU SPECIFICATION



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	**PL8609S-06WC**	**PL8609S-10WC**	**PL8609S-06WR**	**PL8609S-10WR**	**PL8609S-06WW**	**PL8609S-10WW**	**PL8609S-06WB**	**PL8609S-10WB**
MONITORED MODEL	**PL8609M-06WC**	**PL8609M-10WC**	**PL8609M-06WR**	**PL8609M-10WR**	**PL8609M-06WW**	**PL8609M-10WW**	**PL8609M-06WB**	**PL8609M-10WB**
BASIC MODEL	**PL8609B-06WC**	**PL8609B-10WC**	**PL8609B-06WR**	**PL8609B-10WR**	**PL8609B-06WW**	**PL8609B-10WW**	**PL8609B-06WB**	**PL8609B-10WB**
DESCRIPTION	RACK PDU, 72”, 60A 208/240V DELTA 3PH, 18-C13 & 18-C19, IEC 309 (IP67), CORDLOK, TAA COMPLIANT							
POWER	60A 208/240V DELTA 3PH (17.2 kW)							
PLUG TYPE	IEC 309 (IP67) WATERTIGHT							
UNIT LENGTH	72 INCHES							
RECEPTACLES	18-C13 & 18-C19							
CORD LOCK	YES							

Universal Specification

Power Input	See Ratings Table - page 2
Over Current Protection	Quantity (6) 20A UL489 10 kAIC magnetic breakers
Chassis	Heavy duty corrosion resistant steel, powder coat per specific configuration for color
Mounting Method	Tool-less vertical rack-mount, 61.25” button center spacing
Manufacturing location	USA
Product Warranty	7-year from date of shipment, repair or replace
Certification/Agency Approvals	TUV Certified to UL62328-1, CSA C22.2, 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)	72.0”L x 2.18”W x 2.0”D
Package Dimensions (LxWxD)	80.0”L x 22.0”W x 4.8”D (3&4-Pack), 80.0”L x 11.0”W x 4.8”D (1&2-Pack)
Pallet Dimensions (LxWxD)	82”L x 44”W x 5.0”D
Rack PDU Weight	18.3 lbs.
Packaged Weight (each)	20.3 lbs.
Monitored & Switched Ready Versions	
Monitoring Types	Monitored models: Remote & local touchscreen display, temp/humidity sensor ready & Switched Ready models with added capability to pair switching cords with rPDU.
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, 1 Gbit/s
Transport/Internet	TCP/IP v4, v6
Network Applications	HTTP/HTTPS Webserver RESTful API, SNMP-V1/V2c/V3, Modbus TCP/IP Network Management DHCP for dynamic IP address request from a server on the network Remote firmware upgrade using FTP
Touchscreen Digital Display	Touch to rotate, touch to view: power data, rPDU and environment temps, and admin. screens
Internal Voltage & Current Sensors	RMS method for accuracy
Environmental Monitoring	Optional temp/humidity sensor daisy chain (up to 4 sensors), monitoring accuracy +/- 0.2C and +/- 2% Rh

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POWERLOK

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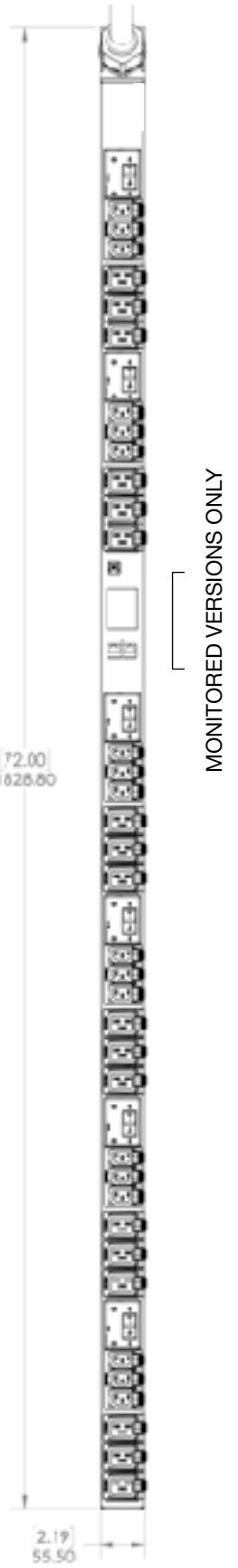
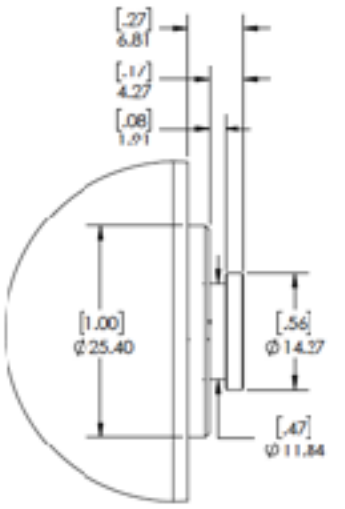
OUTLINE DRAWING



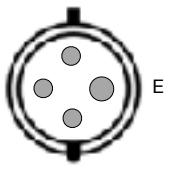


DETAIL A

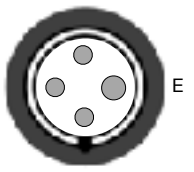
PLUG/OUTLETS

SEE CONFIGURATION TABLE FOR ACTUAL PLUG & OUTLETS

IEC 60309 3P4W IP44 SPLASHPROOF
60A/250V 48A DERATED INPUT



IEC 60309 3P4W IP67 WATERTIGHT
60A/250V 48A DERATED INPUT

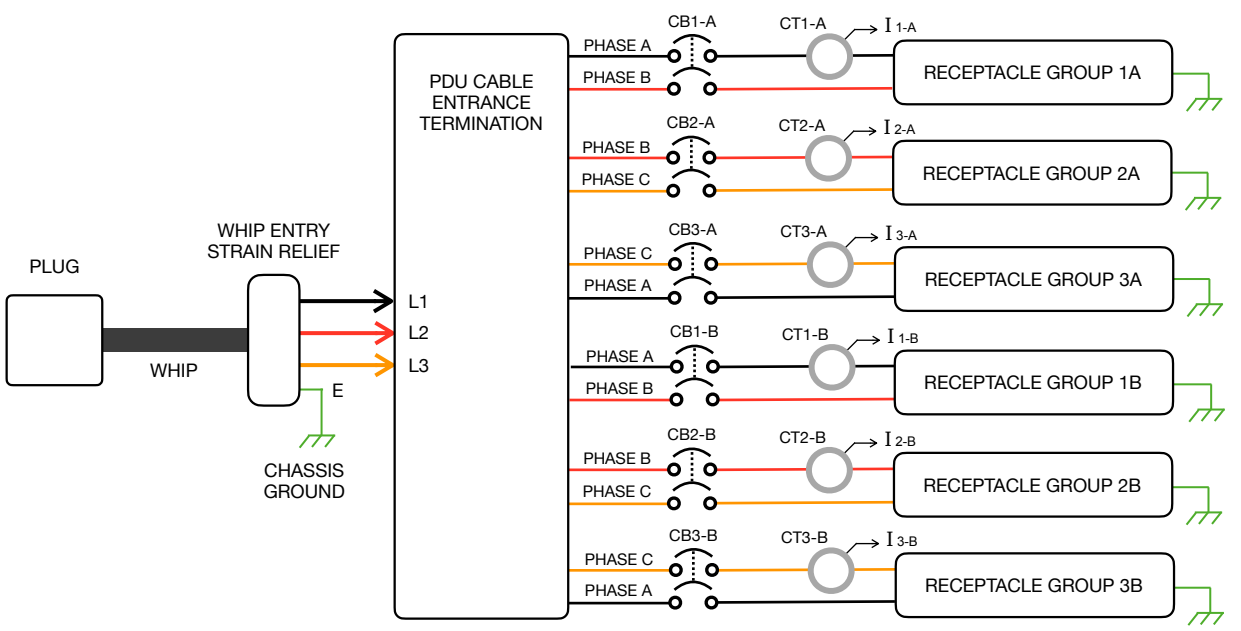


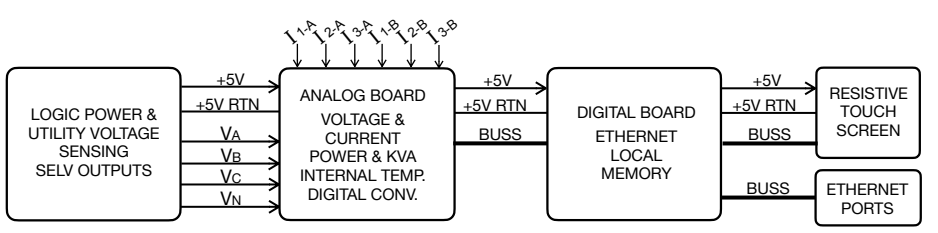
IEC 60320 C13 10A/250V
INTL. & 15A/250V N.A.
MAX RATED OUTPUT

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

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

PDU WIRING DIAGRAM & RATINGS TABLE





INPUT POWER:	
WHIP TYPE	6GA 4-WIRE SOOW TYPE W
VOLTAGE	208/240V DELTA 3PH
FREQUENCY	50/60 HZ
RATED AMPS	60A
MAX CONT.AMPS	48A
OUTPUT POWER:	
GROUP 1A	PH A-N, 16A MAX CONT.
GROUP 2A	PH B-N, 16A MAX CONT.
GROUP 3A	PH C-N, 16A MAX CONT.
GROUP 1B	PH A-N, 16A MAX CONT.
GROUP 2B	PH B-N, 16A MAX CONT.
GROUP 3B	PH C-N, 16A MAX CONT.

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