POWERLOK RACK PDU SPECIFICATION
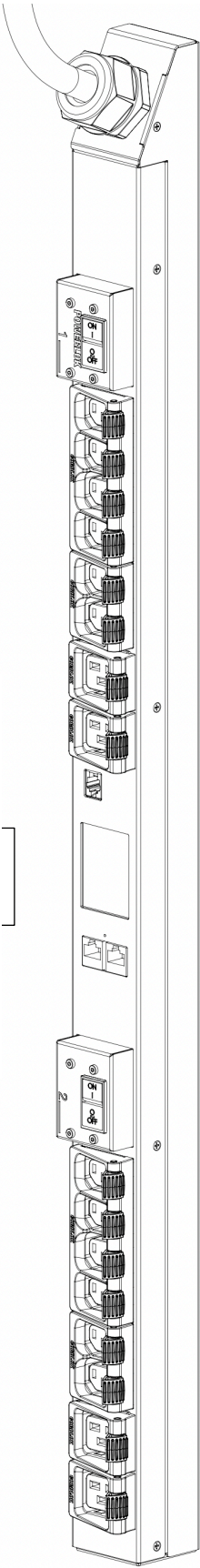
Specific Configurations

COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
MONITORED MODEL	PL8223M-06C	PL8223M-10C	PL8223M-06R	PL8223M-10R	PL8223M-06W	PL8223M-10W	PL8223M-06B	PL8223M-10B
SWITCHED READY MODEL	PL8223S-06C	PL8223S-10C	PL8223S-06R	PL8223S-10R	PL8223S-06W	PL8223S-10W	PL8223S-06B	PL8223S-10B

DESCRIPTION	RACK PDU, 36", 30A 208/240V 1PH, 12-C13 & 4-C19, L6-30P, CORDLOK
MONITORING	REMOTE COMM & UNIT DISPLAY, ENVIROLOK READY
SWITCHING	REMOTE COMM & UNIT DISPLAY, ENVIROLOK READY, SWITCHLOK READY
POWER	30A 208/240V 1PH (5.0 kW)
PLUG TYPE	L6-30P
UNIT LENGTH	36 INCHES
RECEPTACLES	12-C13 & 4-C19
CORDLOK	YES

Universal Specification

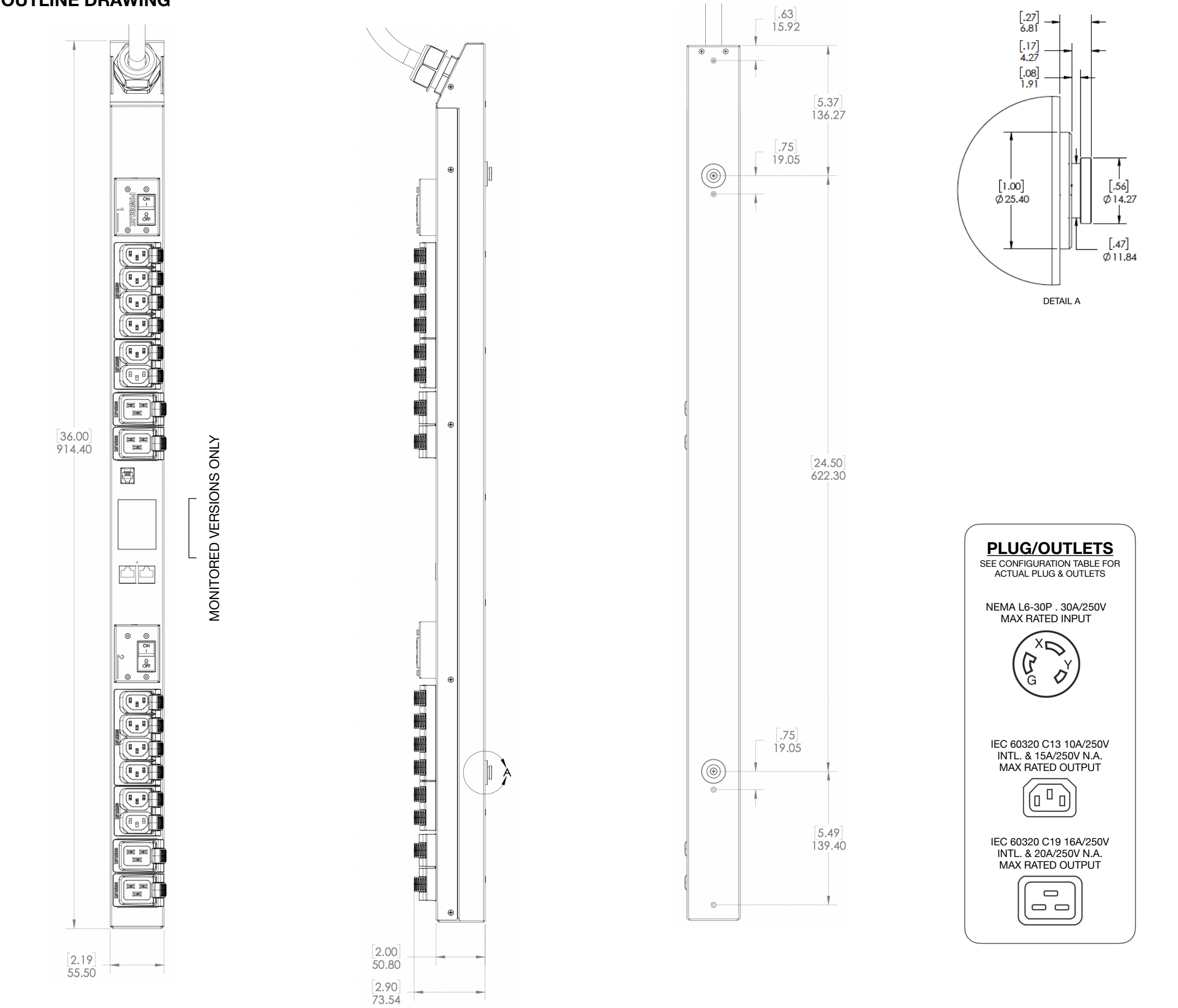|	
Over Current Protection	20A UL489 magnetic breakers
Power Whip	See PDU Ratings Table - page 2
Heavy Steel - Powder Coat Color	Per PowerLok specific configuration for color
Rack PDU Type	Vertical Rack-mount
Toolless Mounting: Center Spacing	24.50"
Manufactured in the USA	Yes
Product Warranty	7-year 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)	36"L x 2.18"W x 2.0"D
Package Dimensions (LxWxD)	49.0"L x 22.0"W x 4.8"D (3&4-Pack), 49.0"L x 11.0"W x 4.8"D (1&2-Pack)
Pallet Dimensions (LxWxD)	49"L x 44"W x 5.0"D
Rack PDU Weight	11.3 lbs.
Packaged Weight (each)	13.3 lbs.

Monitored & Switched Versions Only

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

.63 / 15.92

5.37 / 136.27

.75 / 19.05

MONITORED VERSIONS ONLY

36.00 / 914.40

24.50 / 622.30

.75 / 19.05

5.49 / 139.40

A

2.19 / 55.50

2.00 / 50.80

2.90 / 73.54

[.27] 6.81

[.17] 4.27

[.08] 1.91

[1.00] Ø 25.40

[.56] Ø 14.27

[.47] Ø 11.84

DETAIL A

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

PDU WIRING DIAGRAM & RATINGS TABLE

PLUG

WHIP ENTRY
STRAIN RELIEF

WHIP

CHASSIS
GROUND

PDU CABLE
ENTRANCE
TERMINATION

PHASE A

PHASE B

CB1

CT1

I_1

RECEPTACLE GROUP 1

PHASE A

PHASE B

CB2

CT2

I_2

RECEPTACLE GROUP 2

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.

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

LOGIC POWER &
UTILITY VOLTAGE
SENSING
SELV OUTPUTS

+5V
+5V RTN
VA
VB

I_1 I_2

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

+5V
+5V RTN
BUSS

DIGITAL BOARD
ETHERNET
LOCAL
MEMORY

+5V
+5V RTN
BUSS

RESISTIVE
TOUCH
SCREEN

BUSS

ETHERNET
PORTS

MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE:	

*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°