POWERLOK RACK PDU SPECIFICATION
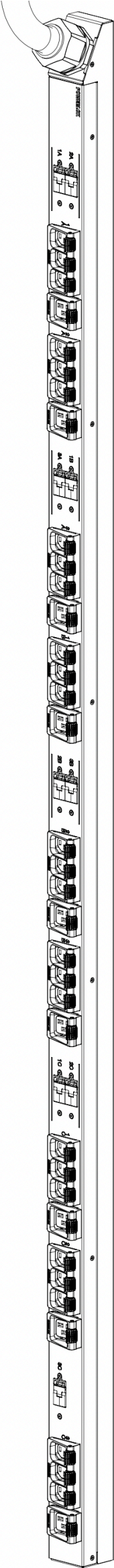
Specific Configurations

COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
BASIC MODEL	PL8803B-06C	PL8803B-10C	PL8803B-06R	PL8803B-10R	PL8803B-06W	PL8803B-10W	PL8803B-06B	PL8803B-10B
DESCRIPTION	RACK PDU, 72", 60A 240/415V WYE 3PH, 18-C13 & 18-C19, IEC 309 (IP44), CORDLOK							
POWER	60A 240/415V WYE 3PH (34.5 kW)							
PLUG TYPE	IEC 309 (IP44)							
UNIT LENGTH	72 INCHES							
RECEPTACLES	18-C13 & 18-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	61.25"
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)	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 Versions Only

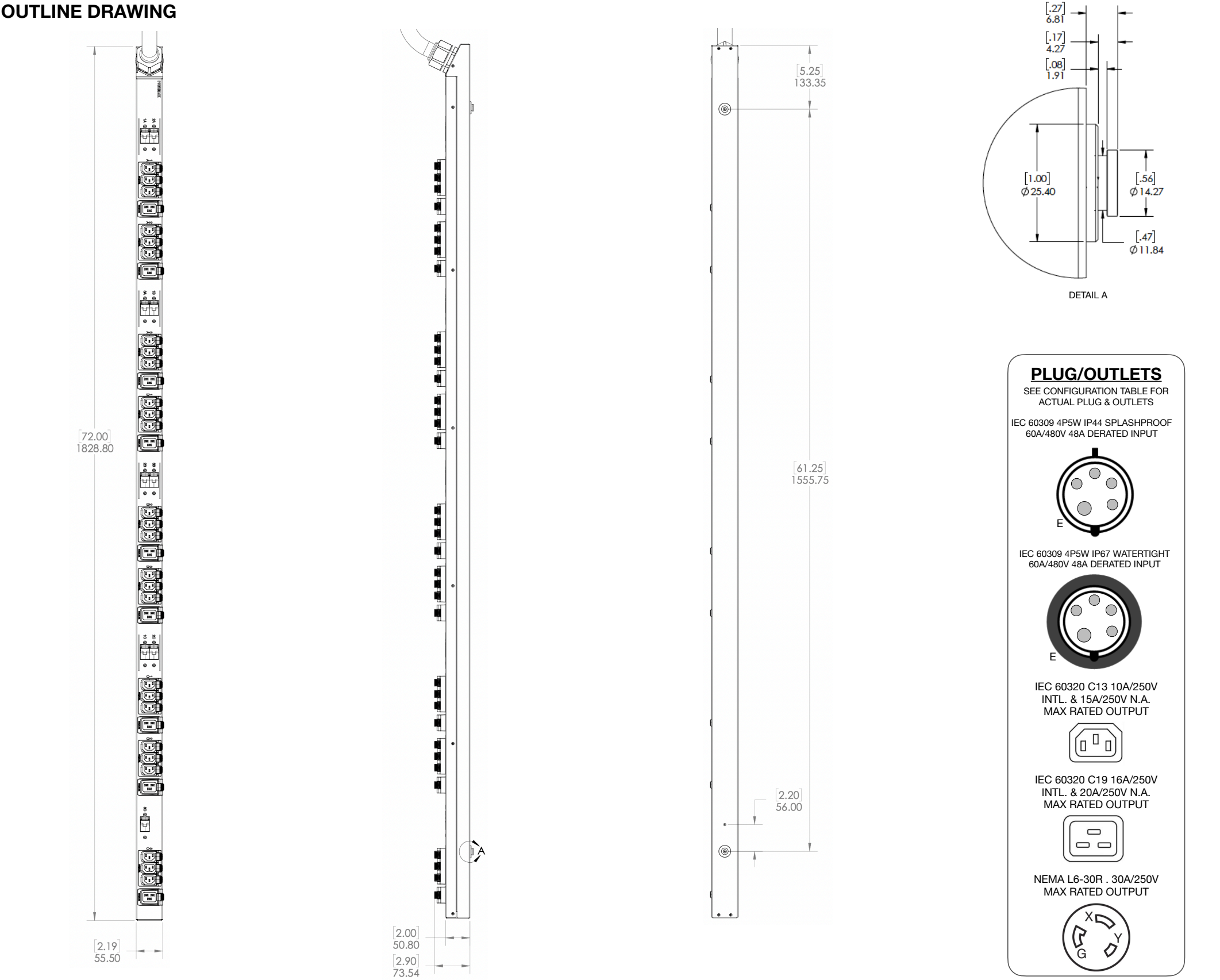|	
MONITORING TYPE:	REMOTE & TOUCHSCREEN DISPLAY, ENVIROLOK READY. SWITCHED READY
Monitoring Accuracy	Voltage: +/- 0.5% at nominal. Current: within 0.5% from 1A to 30A typical. +/1% of measurement from 500mA to 30A.
Total Unit & Group Monitoring	Aggregate (kWh, W, VA) plus Phase: A, B, C Line Currents,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

Example receptacle configuration shown. See specific configuration table.
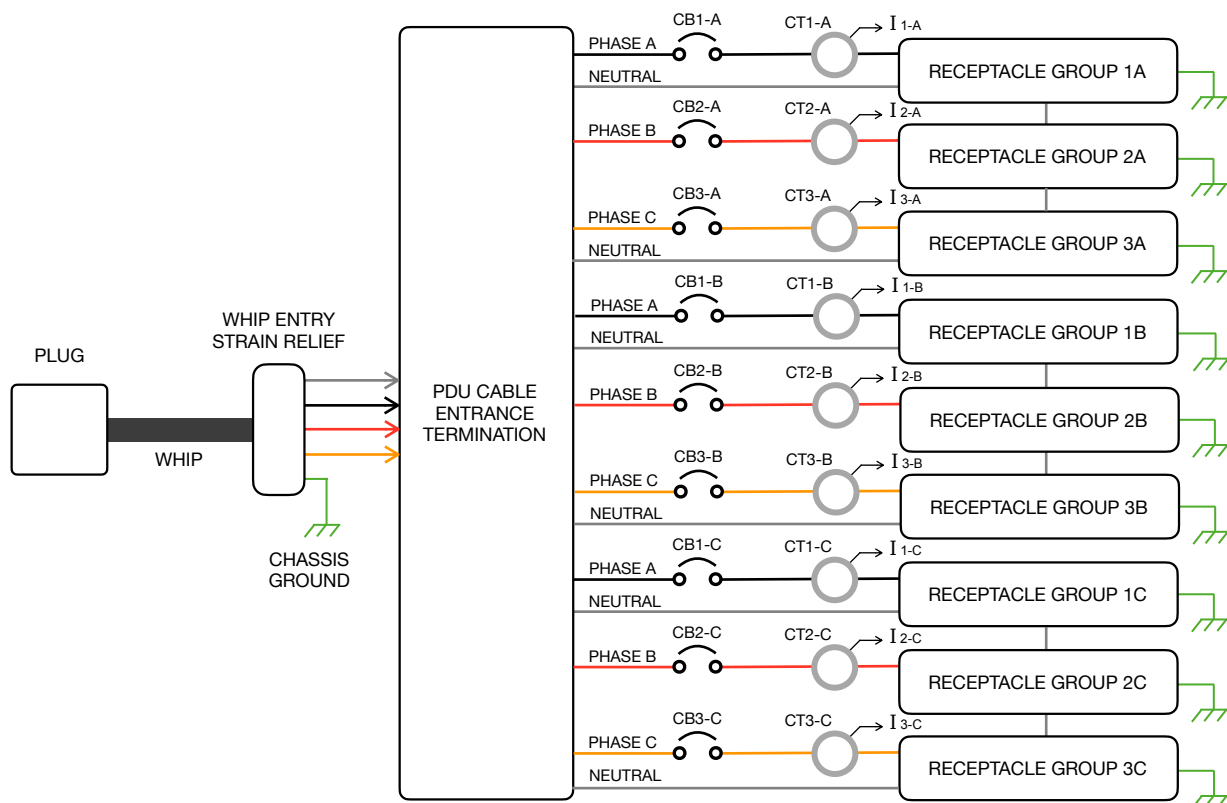
MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

OUTLINE DRAWING

[.27] 6.81
[.17] 4.27
[.08] 1.91

[1.00] Ø 25.40
[.56] Ø 14.27
[.47] Ø 11.84

DETAIL A

[72.00] 1828.80

[5.25] 133.35

[61.25] 1555.75

[2.20] 56.00

[2.19] 55.50

[2.00] 50.80

[2.90] 73.54

PLUG/OUTLETS

SEE CONFIGURATION TABLE FOR ACTUAL PLUG & OUTLETS

IEC 60309 4P5W IP44 SPLASHPROOF
60A/480V 48A DERATED INPUT

E

IEC 60309 4P5W IP67 WATERTIGHT
60A/480V 48A DERATED INPUT

E

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

X   Y
G

PDU WIRING DIAGRAM & RATINGS TABLE

PLUG

WHIP ENTRY STRAIN RELIEF

WHIP

CHASSIS GROUND

PDU CABLE ENTRANCE TERMINATION

PHASE A / NEUTRAL	CB1-A	CT1-A	I_{1-A}	RECEPTACLE GROUP 1A
PHASE B	CB2-A	CT2-A	I_{2-A}	RECEPTACLE GROUP 2A
PHASE C / NEUTRAL	CB3-A	CT3-A	I_{3-A}	RECEPTACLE GROUP 3A
PHASE A / NEUTRAL	CB1-B	CT1-B	I_{1-B}	RECEPTACLE GROUP 1B
PHASE B	CB2-B	CT2-B	I_{2-B}	RECEPTACLE GROUP 2B
PHASE C / NEUTRAL	CB3-B	CT3-B	I_{3-B}	RECEPTACLE GROUP 3B
PHASE A / NEUTRAL	CB1-C	CT1-C	I_{1-C}	RECEPTACLE GROUP 1C
PHASE B	CB2-C	CT2-C	I_{2-C}	RECEPTACLE GROUP 2C
PHASE C / NEUTRAL	CB3-C	CT3-C	I_{3-C}	RECEPTACLE GROUP 3C

INPUT POWER:	
WHIP TYPE	6GA 5-WIRE SOOW TYPE W
VOLTAGE	240/415V WYE 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 A-N, 16A MAX CONT.
GROUP 3A	PH A-N, 16A MAX CONT.
GROUP 1B	PH B-N, 16A MAX CONT.
GROUP 2B	PH B-N, 16A MAX CONT.
GROUP 3B	PH B-N, 16A MAX CONT.
GROUP 1C	PH C-N, 16A MAX CONT.
GROUP 2C	PH C-N, 16A MAX CONT.
GROUP 3C	PH C-N, 16A MAX CONT.

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-PL8803B** / SHEET: **2 OF 2**