POWERLOK RACK PDU SPECIFICATION
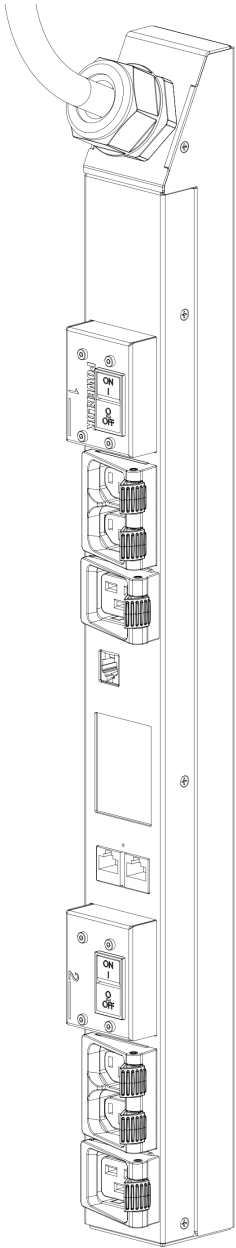
Specific Configurations

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	PL8227M-06C	PL8227M-10C	PL8227M-06R	PL8227M-10R	PL8227M-06W	PL8227M-10W	PL8227M-06B	PL8227M-10B
SWITCHED READY MODEL	PL8227S-06C	PL8227S-10C	PL8227S-06R	PL8227S-10R	PL8227S-06W	PL8227S-10W	PL8227S-06B	PL8227S-10B

DESCRIPTION	RACK PDU, 24", 30A 208/240V 1PH, 4-C13 & 2-C19, L6-30P, CORDLOK
MONITOIRING	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	24 INCHES
RECEPTACLES	4-C13 & 2-C19
CORDLOK	YES

Universal Specification

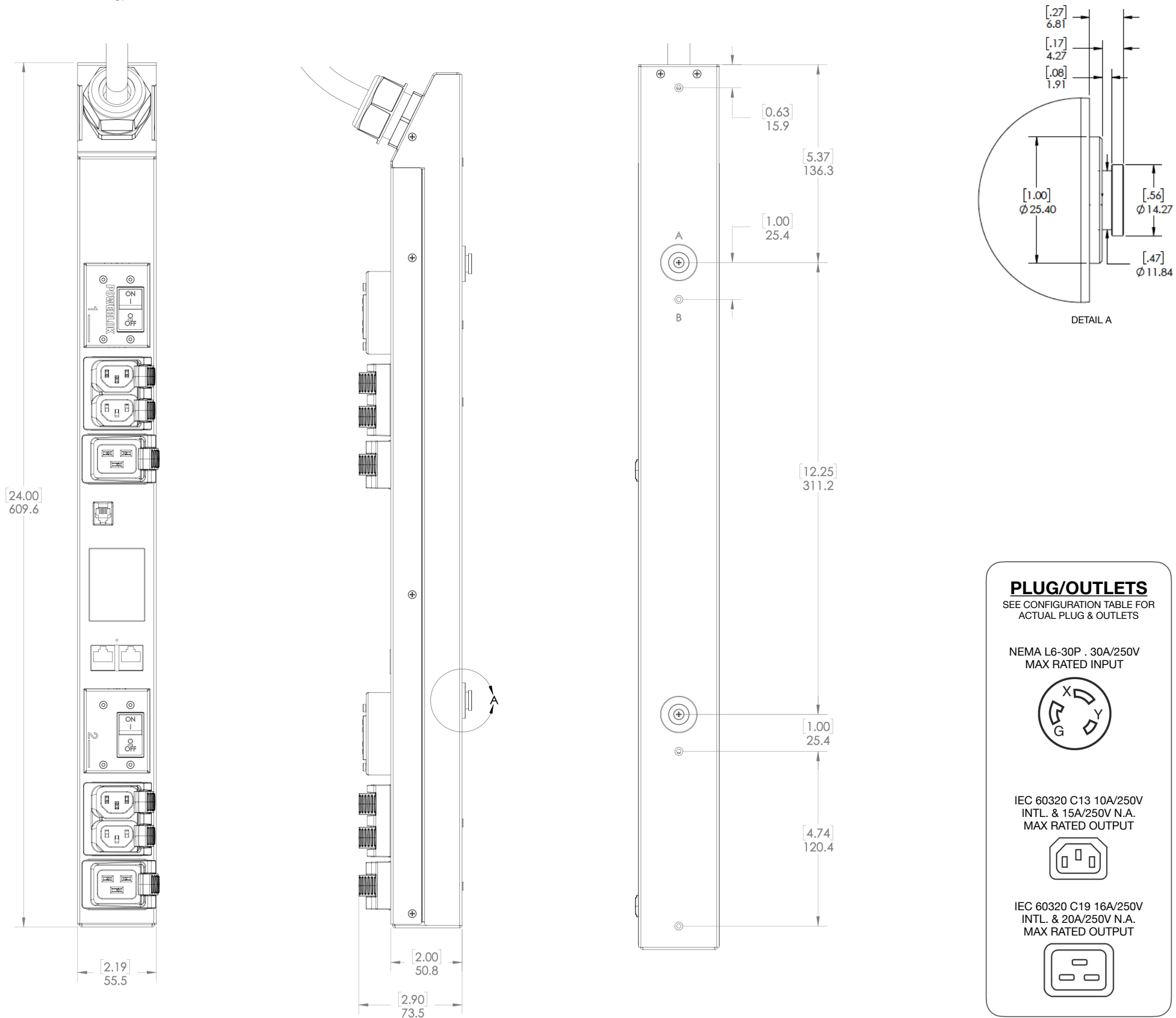|	
Over Current Protection	20A UL489 magnetic breakers
Power Whip	See PDU Ratings Table - page 2
Heavy Steel - Powder Coat Color	Per PowerLok specific configuration for color
Rack PDU Type	Vertical Rack-mount
Toolless Mounting: Center Spacing	12.25"
Manufactured in the USA	Yes
Product Warranty	7-year 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)	24"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	9.8 lbs.
Packaged Weight (each)	11.8 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.

MADE AND ROBOTICALLY SOLDERED IN THE USA

POWERLOK

*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE: X = +/- 0.5 .X = +/- 0.25 .XX = +/- 0.13 X° = +/- 0.5°	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.			TITLE: **RACK PDU SPECIFICATION**

DRAWING NUMBER: **SP-PL8227**	SHEET: **1 OF 2**

OUTLINE DRAWING

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

0.63
15.9

5.37
136.3

1.00
25.4

[1.00]
Ø 25.40

[.56]
Ø 14.27

[.47]
Ø 11.84

A

B

DETAIL A

12.25
311.2

24.00
609.6

ON
I
O
OFF

ON
I
O
OFF

1.00
25.4

4.74
120.4

2.19
55.5

2.00
50.8

2.90
73.5

PLUG/OUTLETS

SEE CONFIGURATION TABLE FOR
ACTUAL PLUG & OUTLETS
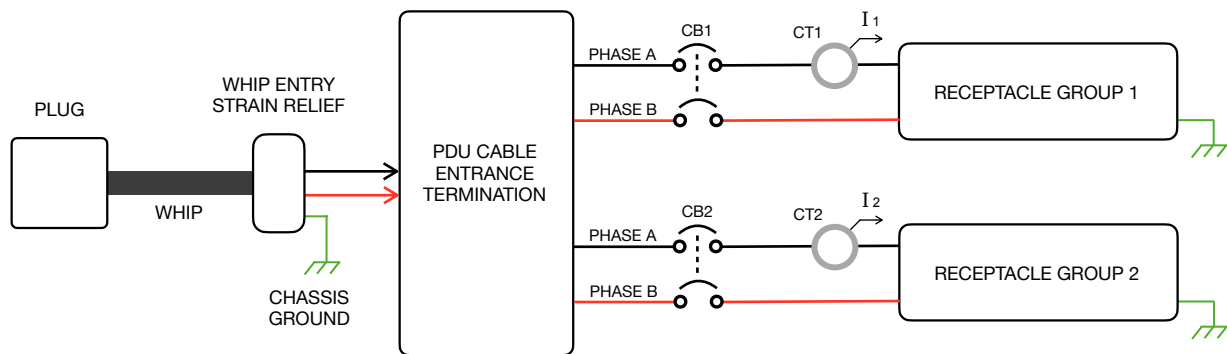
NEMA L6-30P . 30A/250V
MAX RATED INPUT

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

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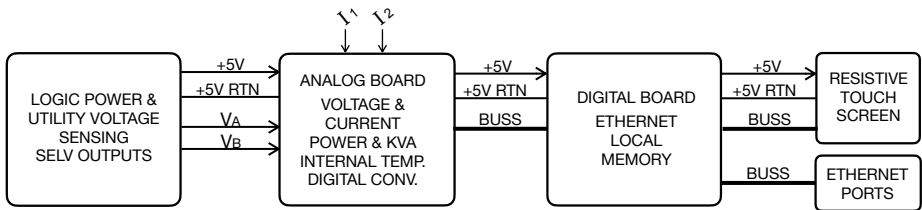INTL. & 20A/250V N.A.
MAX RATED OUTPUT

PDU WIRING DIAGRAM & RATINGS TABLE

PLUG

WHIP ENTRY
STRAIN RELIEF

WHIP

CHASSIS
GROUND

PDU CABLE
ENTRANCE
TERMINATION

PHASE A   CB1   CT1   I₁

PHASE B

RECEPTACLE GROUP 1

PHASE A   CB2   CT2   I₂

PHASE B

RECEPTACLE GROUP 2

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

LOGIC POWER &
UTILITY VOLTAGE
SENSING
SELV OUTPUTS

+5V
+5V RTN
VA
VB

I₁ I₂

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

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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POWERLOK

Gateview Technologies, Inc.

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RACK PDU SPECIFICATION

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SP-PL8227

SHEET:
2 OF 2