### **POWERLOK RACK PDU SPECIFICATION**

**Environmental Monitoring** 

MONITORED VERSIONS ONLY

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	PL5106S-06C	PL5106S-10C	PL5106S-06R	PL5106S-10R	PL5106S-06W	PL5106S-10W	PL5106S-06B	PL5106S-10B
MONITORED MODEL	PL5106M-06C	PL5106M-10C	PL5106M-06R	PL5106M-10R	PL5106M-06W	PL5106M-10W	PL5106M-06B	PL5106M-10B
BASIC MODEL	PL5106B-06C	PL5106B-10C	PL5106B-06R	PL5106B-10R	PL5106B-06W	PL5106B-10W	PL5106B-06B	PL5106B-10B
DESCRIPTION	RACK PDU, 72	RACK PDU, 72", 30A 120V 1PH, (24) 5-20R, L5-30P						
POWER	30A 120V 1PH	30A 120V 1PH (2.9 kW)						
PLUG TYPE	L5-30P	L5-30P						
UNIT LENGTH	72 INCHES	72 INCHES						
RECEPTACLES	(24) 5-20R	(24) 5-20R						
CORDLOK	NO	NO						

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	3-year from date of shipment, repair or replace.
Certification/Agency Approvals	TUV Certified to UL62368-1, UL60950-1, CSA22.2, NOM Addendum for Mexico, FCC Part 15 Class A conformance, RoHS compliant, TAA 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	15.1 lbs.
Packaged Weight (each)	16.9 lbs.
Monitored & Switched Versi	ions 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

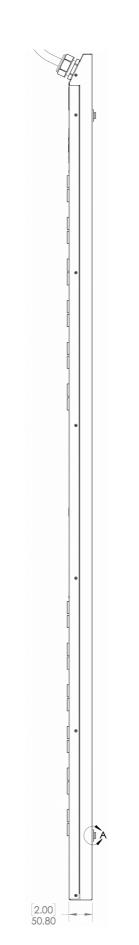
Optional EnviroLok daisy chain temp/humidity (optional - up to 4 sensors). Monitoring accuracy +/- 0.2C and +/- 2% Rh.

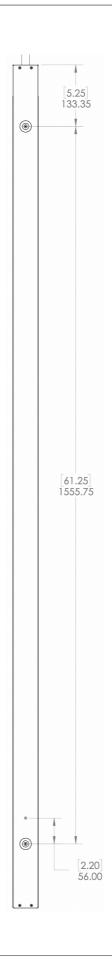
#### **POWERLOK**

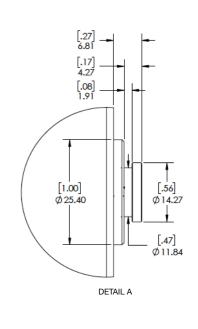
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	*CUSTOMER SIGNATURE:	STOMER SIGNATURE: DATE:		Gateview Technolo	gies, Inc.
*PRIOR TO MANUFACTURING, BUILD MODELS REQUIRE CUSTOMER SIGN-OFF.		MM AND TOLERANCES ARE: X = +/- 0.5	TITLE: RACK PDU SPECIFICATION		
	BY SIGNING, CUSTOMER AGREES THAT THIS ORDER IS NON-CANCELABLE AND NON-RETURNABLE.		.X = +/- 0.25 .XX = +/- 0.13 $X^{\circ} = +/- 0.5^{\circ}$	DRAWING NUMBER: SP-PL5106	SHEET: 1 OF 2

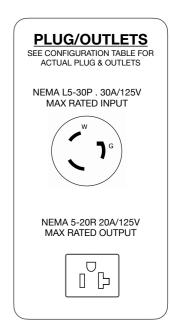
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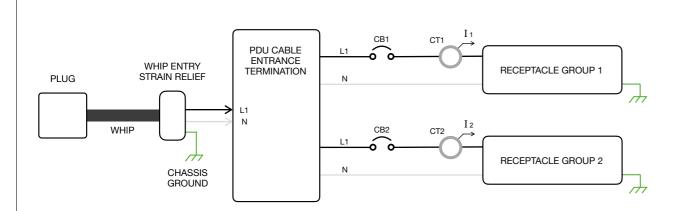






#### **PDU WIRING DIAGRAM & RATINGS TABLE**

2.19 55.50



# WHIP TYPE 10GA 3-WIRE SOOW VOLTAGE 125V 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.

#### MADE AND ROBOTICALLY SOLDERED IN THE USA

#### **POWERLOK**

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*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN	Gateview Technolo	gies, Inc.
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			DRAWING NUMBER: SP-PL5106	SHEET: 2 OF 2

INPUT POWER:

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FOR MONITORED VERSIONS ONLY. BASIC MODELS DO NOT HAVE CT'S.	LOGIC POWER & UTILITY VOLTAGE SENSING SELV OUTPUTS	+5V +5V RTN VA VB	ANALOG BOARD VOLTAGE & CURRENT POWER & KVA INTERNAL TEMP. DIGITAL CONV.	+5V +5V RTN BUSS	DIGITAL BOARD ETHERNET LOCAL MEMORY	+5V RSISTIVE TOUCH SCREEN  BUSS ETHERNET PORTS	