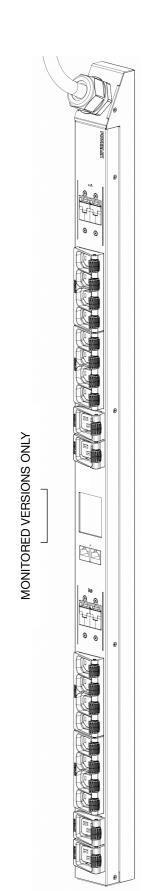
# **POWERLOK RACK PDU SPECIFICATION**



| 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         | PL8218D-06C  | PL8218D-10C | PL8218D-06R | PL8218D-10R | PL8218D-06W | PL8218D-10W | PL8218D-06B | PL8218D-10B |
| SWITCHED READY MODEL    | PL8218S-06C  | PL8218S-10C | PL8218S-06R | PL8218S-10R | PL8218S-06W | PL8218S-10W | PL8218S-06B | PL8218S-10B |
| DESCRIPTION             | RACK PDU, 41", 30A 208/240V 1PH, 16-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             | 41 INCHES  |             |             |             |             |             |             |             |
| RECEPTACLES             | 16-C13 & 4-C19   |             |             |             |             |             |             |             |
| CORDLOK                 | YES  |             |             |             |             |             |             |             |

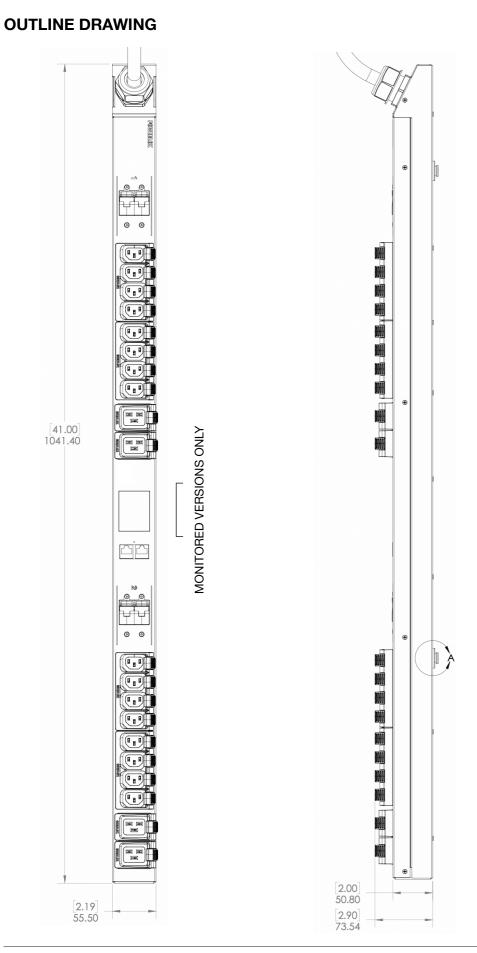
| Universal Specification           |   |  |
|-----------------------------------|---|--|
| Over Current Protection           | 20A UL489 magnetic breakers   |  |
| Power Whip                        | See PDU Ratings Table - page 2  |  |
| Heavy Steel - Powder Coat Color   | Per PowerLok specific configuration 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)        | 40.98"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                   | 12.0 lbs.   |  |
| Packaged Weight (each)            | 14.0 lbs.   |  |
| Monitored & Switched Versi        | ons 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

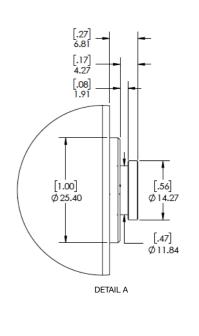
## **POWERLOK**

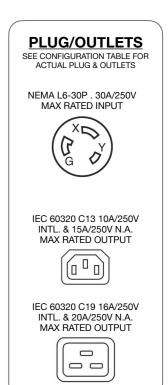
| MADE AND HOBOTICALLI GOLDENED IN THE GOA   |       |   |                                  |                  |  |
|--|-------|---|----------------------------------|------------------|--|
| *CUSTOMER SIGNATURE:   | DATE: | UNLESS OTHERWISE<br>SPECIFIED, ALL<br>DIMENSIONS ARE IN                                     | Gateview Technologies, Inc.      |                  |  |
| *PRIOR TO MANUFACTURING, BUILD<br>MODELS REQUIRE CUSTOMER SIGN-OFF.<br>BY SIGNING, CUSTOMER AGREES THAT<br>THIS ORDER IS NON-CANCELABLE AND<br>NON-RETURNABLE. |       | MM AND<br>TOLERANCES ARE:<br>X = +/- 0.5<br>X = +/- 0.25<br>.XX = +/- 0.13<br>X° = +/- 0.5° | TITLE:<br>RACK PDU SPECIFICATION |                  |  |
|  |       |   | DRAWING NUMBER:<br>SP-PL8218     | SHEET:<br>1 OF 2 |  |

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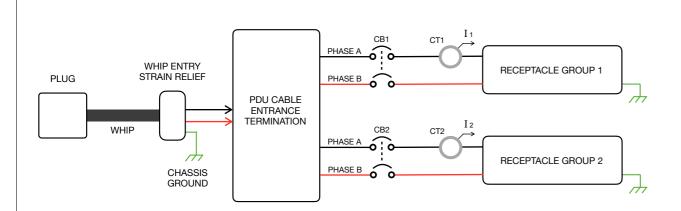








#### **PDU WIRING DIAGRAM & RATINGS TABLE**



#### INPUT POWER: 10GA 3-WIRE SOOW WHIP TYPE 208/240V IPH VOLTAGE **FREQUENCY** 50/60 HZ RATED AMPS 30A MAX CONT.AMPS 24A **OUTPUT POWER:** GROUP I PH A-B, I6A MAX CONT. PH A-B, I6A MAX CONT. GROUP 2

### MADE AND ROBOTICALLY SOLDERED IN THE USA

### **POWERLOK**

| *CUSTOMER SIGNATURE: DATE:  *PRIOR TO MANUFACTURING, BUILD MODELS REQUIRE CUSTOMER SIGN-OFF. BY SIGNING, CUSTOMER AGREES THAT THIS ORDER IS NON-CANCELABLE AND NON-RETURNABLE. |  | UNLESS OTHERWISE<br>SPECIFIED, ALL<br>DIMENSIONS ARE IN<br>MM AND<br>TOLERANCES ARE:<br>X = +/- 0.5<br>.X = +/- 0.25<br>.XX = +/- 0.13<br>X' = +/- 0.5' | Gateview Technologies, Inc.      |                  |  |
|--|--|---|----------------------------------|------------------|--|
|  |  |   | TITLE:<br>RACK PDU SPECIFICATION |                  |  |
|  |  |   | DRAWING NUMBER:<br>SP-PL8218     | SHEET:<br>2 OF 2 |  |

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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<br>+5V RTN<br>BUSS | DIGITAL BOARD<br>ETHERNET<br>LOCAL<br>MEMORY | +5V<br>+5V RTN TOUCH<br>BUSS ETHERNET<br>PORTS |
|---|--|------------------------|---|------------------------|--|--|