POWERLOK RACK PDU SPECIFICATION
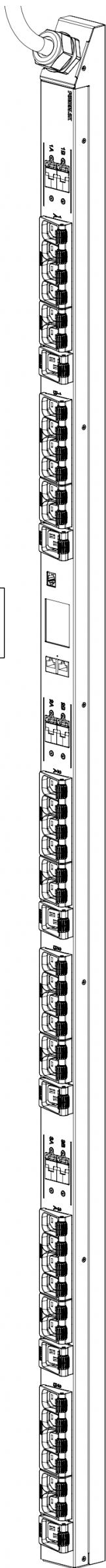
Specific Configurations

COLOR	CARBON		RED		WHITE		BLUE	
WHIP LENGTH	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT	6 FT	10 FT
SWITCHED READY MODEL	UP8732S-06C	UP8732S-10C	UP8732S-06R	UP8732S-10R	UP8732S-06W	UP8732S-10W	UP8732S-06B	UP8732S-10B
MONITORED MODEL	UP8732M-06C	UP8732M-10C	UP8732M-06R	UP8732M-10R	UP8732M-06W	UP8732M-10W	UP8732M-06B	UP8732M-10B
BASIC MODEL	UP8732B-06C	UP8732B-10C	UP8732B-06R	UP8732B-10R	UP8732B-06W	UP8732B-10W	UP8732B-06B	UP8732B-10B
DESCRIPTION	RACK PDU, 72", 30A 240/415V WYE 3PH, 36-C13 & 6-C19, IEC 309 (IP44), CORDLOK							
POWER	30A 240/415V WYE 3PH (17.2 kW)							
PLUG TYPE	IEC 309 (IP44) SPLASHPROOF							
UNIT LENGTH	72 INCHES							
RECEPTACLES	36-C13 & 6-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	3-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.

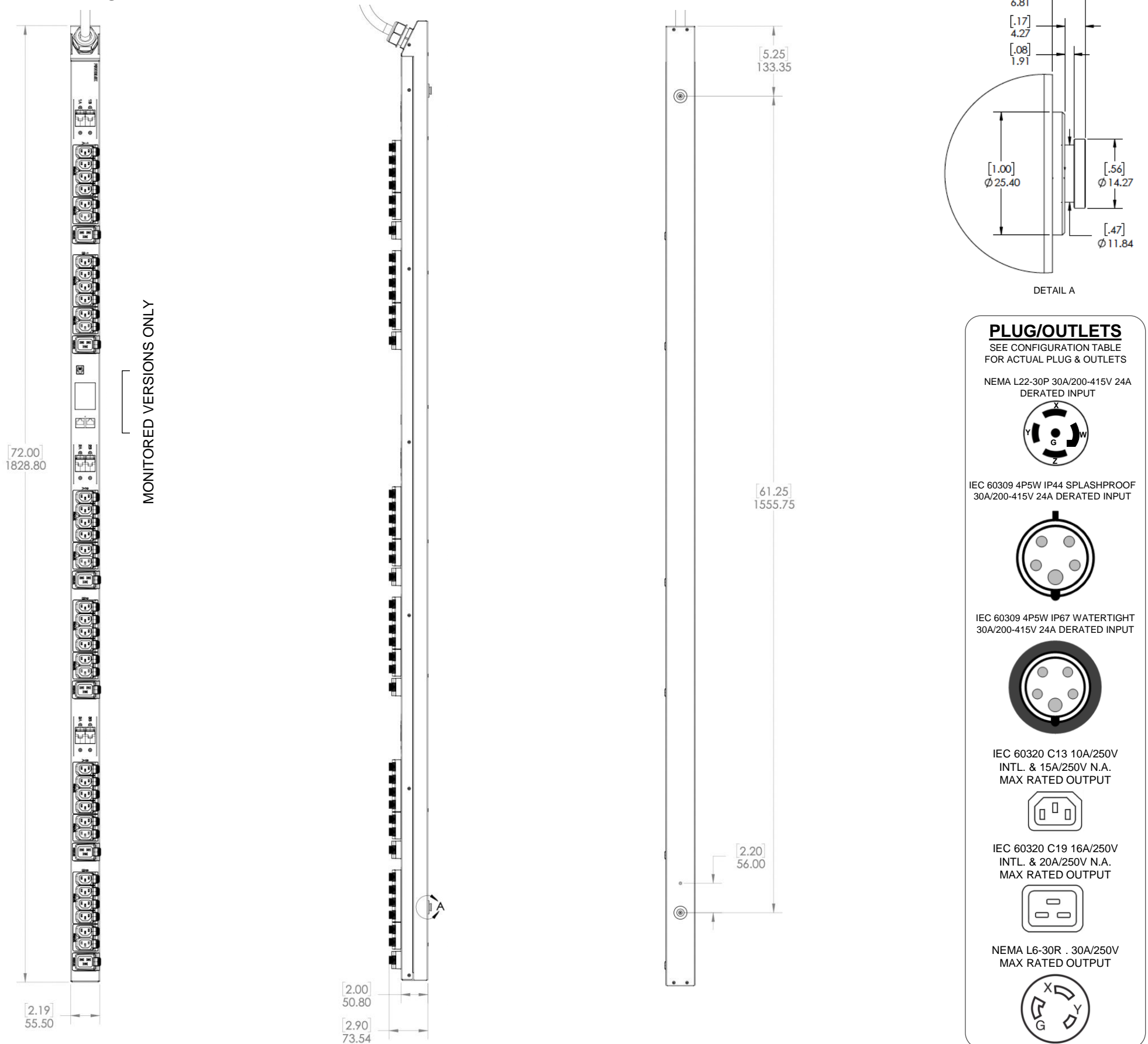## Monitored & Switched Versions Only

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.

MONITORED VERSIONS ONLY

POWERLOK

*CUSTOMER SIGNATURE:	DATE:	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MM AND TOLERANCES ARE:	Upsite Technologies
*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-UP8732 — SHEET: **1 OF 2**

OUTLINE DRAWING

.27 / 6.81
.17 / 4.27
.08 / 1.91

5.25 / 133.35

1.00 / Ø 25.40
.56 / Ø 14.27
.47 / Ø 11.84

DETAIL A

72.00 / 1828.80

MONITORED VERSIONS ONLY

61.25 / 1555.75

2.20 / 56.00

2.19 / 55.50

2.00 / 50.80

2.90 / 73.54
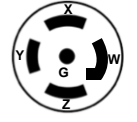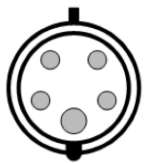
PLUG/OUTLETS
SEE CONFIGURATION TABLE
FOR ACTUAL PLUG & OUTLETS

NEMA L22-30P 30A/200-415V 24A
DERATED INPUT

IEC 60309 4P5W IP44 SPLASHPROOF
30A/200-415V 24A DERATED INPUT

IEC 60309 4P5W IP67 WATERTIGHT
30A/200-415V 24A DERATED INPUT

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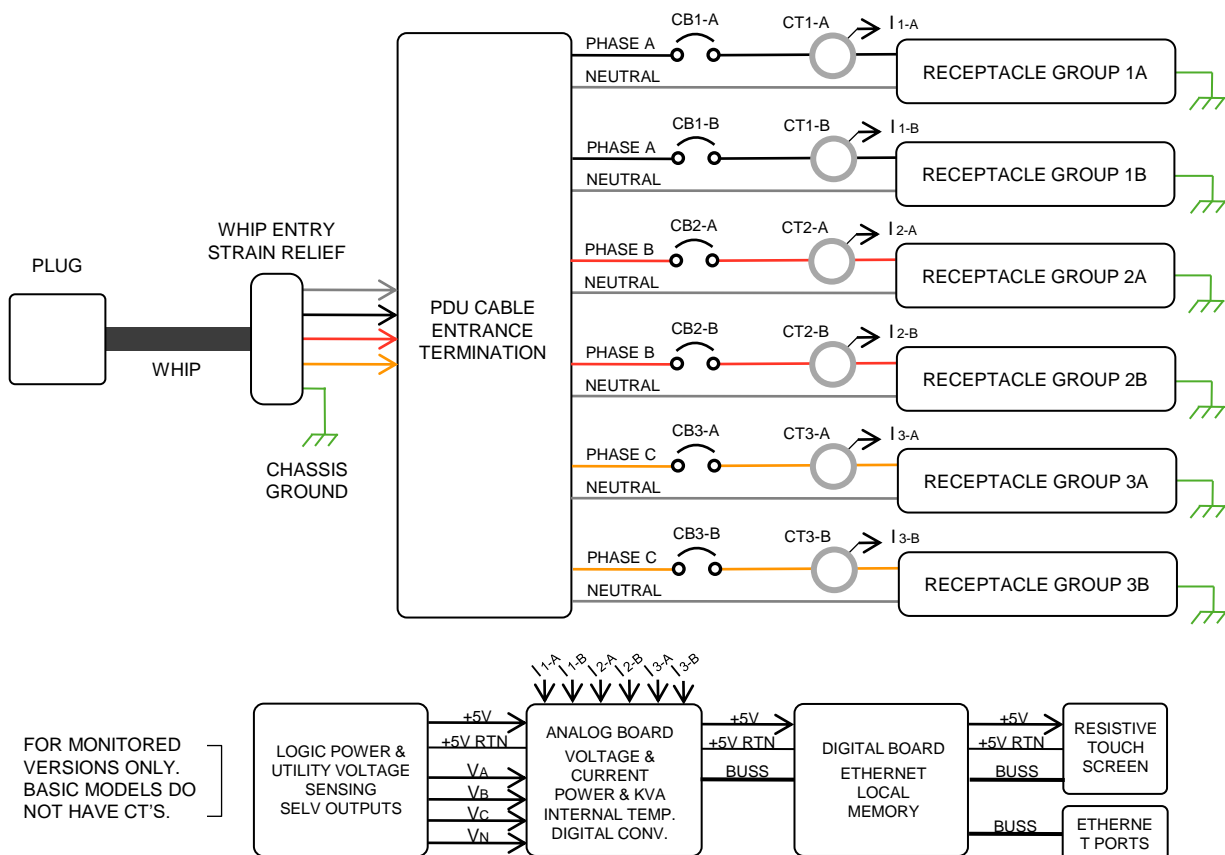INTL. & 15A/250V N.A.
MAX RATED OUTPUT

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

NEMA L6-30R . 30A/250V
MAX RATED OUTPUT

PDU WIRING DIAGRAM & RATINGS TABLE

PLUG

WHIP ENTRY
STRAIN RELIEF

WHIP

CHASSIS
GROUND

PDU CABLE
ENTRANCE
TERMINATION

PHASE A | CB1-A | CT1-A | I1-A | RECEPTACLE GROUP 1A
NEUTRAL

PHASE A | CB1-B | CT1-B | I1-B | RECEPTACLE GROUP 1B
NEUTRAL

PHASE B | CB2-A | CT2-A | I2-A | RECEPTACLE GROUP 2A
NEUTRAL

PHASE B | CB2-B | CT2-B | I2-B | RECEPTACLE GROUP 2B
NEUTRAL

PHASE C | CB3-A | CT3-A | I3-A | RECEPTACLE GROUP 3A
NEUTRAL

PHASE C | CB3-B | CT3-B | I3-B | RECEPTACLE GROUP 3B
NEUTRAL

INPUT POWER:	
WHIP TYPE	10GA 5-WIRE SOOW
VOLTAGE	240/415V WYE 3PH
FREQUENCY	50/60 HZ
RATED AMPS	30A
MAX CONT. AMPS	24A
OUTPUT POWER:	
GROUP 1A	PH A-N, 16A MAX CONT.
GROUP 1B	PH A-N, 16A MAX CONT.
GROUP 2A	PH B-N, 16A MAX CONT.
GROUP 2B	PH B-N, 16A MAX CONT.
GROUP 3A	PH C-N, 16A MAX CONT.
GROUP 3B	PH C-N, 16A MAX CONT.

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

I1-A I1-B I2-A I2-B I3-A I3-B

LOGIC POWER &
UTILITY VOLTAGE
SENSING
SELV OUTPUTS

+5V
+5V RTN
VA
VB
VC
VN

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

MADE AND ROBOTICALLY SOLDERED IN THE USA

*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
SPECIFIED, ALL
DIMENSIONS ARE IN MM
AND TOLERANCES ARE:

X = +/- 0.5
.X = +/- 0.25
.XX = +/- 0.13
X" = +/- 0.5"

POWERLOK

Upsite Technologies

TITLE:
RACK PDU SPECIFICATION

DRAWING NUMBER:	SHEET:
SP-UP8732	**2 OF 2**