

RACKPOWER INTELLIGENT POWER DISTRIBUTION UNITS



INDUSTRY STANDARDS

UL Listed File E309439 UL 60950-1 Information Technology Equipment
 cUL Listed File E309439 CSA-C22.2 No. 60950-1 Information Technology Equipment
 FCC
 CE
 RoHS
 REACH

APPLICATION

RackPower Intelligent Power Distribution Units address controlling power on Cabinets as well as Open Frame Racks and Wall-Mount enclosures. Design your power solution using a variety of configuration options. The units are available in horizontal 19-in. rack or vertical mounting capabilities and a broad range of features.

RackPower Series Configuration Sets

Features	RP3000	RP2000	RP1500	RP1000	RP100
Outlet measurement	X		X		
Outlet Switch ON/OFF	X	X			
Latching Relay	X	X			
SNMP hardware	X	X	X	X	
Strip level measurement	X	X	X	X	X

FEATURES

- Single or multi-phase
- Input voltages North American 110 / 120 VAC or 208 VAC, European and Asia 230 VAC or 400 VAC
- Global plug and receptacles NEMA and IEC rated
- 5 Configuration types: RP3000, RP2000, RP1500, RP1000, RP100
- External communications and monitoring – protected and secure LAN connections
- Local and remote power monitoring of single outlets and circuits showing data for current (AMP), voltage (Volt), power (kW), energy consumption (kWh) and power factor of entire PDU with a metering accuracy to within +/- 1%
- Remote power on/off switch
- Field replaceable, “hot-swappable”, smart monitor (RP Meter) and DC module
- 19-in. Rack Mounting (1 and 2 RU offering)
- Versatile vertical / rack and cabinet mounting
- Surge protection
- Dual power feed entry for single phase RackPower PDUs
- Temperature Sensor or Temperature and Humidity Sensor
- Power cord whip – various lengths, colors and plugs

SPECIFICATIONS

- Steel housing
- Various cord length and plug styles available; also available in LSZH (low smoke zero halogen)
- Mounting hardware

FINISH

Standard is black, other finishes available

ORDERING

If the portfolio of pre-configured items does not meet your needs, all iPDUs can be configured to your specifications as a custom order. Contact Customer Service to place an order.

To configure a custom PDU, go to http://schroff.biz/PDU_Webapp/

Standard Product 110 V Units

Catalog Number	RackPower Series	Load Rating	Voltage VAC	No. of Receptacles	Receptacle Style	Power Cord Plug	Assembly Style	Length in./mm	Width in./mm	Height in./mm
RPP110P20AP124	Basic	20A	110	24	NEMA 5-20R	L5-20P plug	Vertical	43 1100	2 54	3 80
RPP110P30AP124	Basic	30A	110	24	NEMA 5-20R	L5-30P plug	Vertical	43 1100	2 54	3 80
RPP110R30AP110	Basic	20A	110	10	NEMA 5-20R	L5-30P plug	Horizontal	5 120	17 437.5	2 44.5
RPP110R20AP110	Basic	30A	110	10	NEMA 5-20R	L5-20P plug	Horizontal	5 120	17 437.5	2 44.5
RP20110P20AP124	RP2000	20A	110	24	NEMA 5-20R	L5-20P plug	Vertical	53 1350	2 54	3 80
RP20110P30AP124	RP2000	30A	110	24	NEMA 5-20R	L5-30P plug	Vertical	53 1350	2 54	3 80
RP10110P20AP124	RP1000	20A	110	24	NEMA 5-20R	L5-20P plug	Vertical	53 1350	2 54	3 80
RP10110P30AP124	RP1000	30A	110	24	NEMA 5-20R	L5-30P plug	Vertical	53 1350	2 54	3 80

Standard Product 208V Units

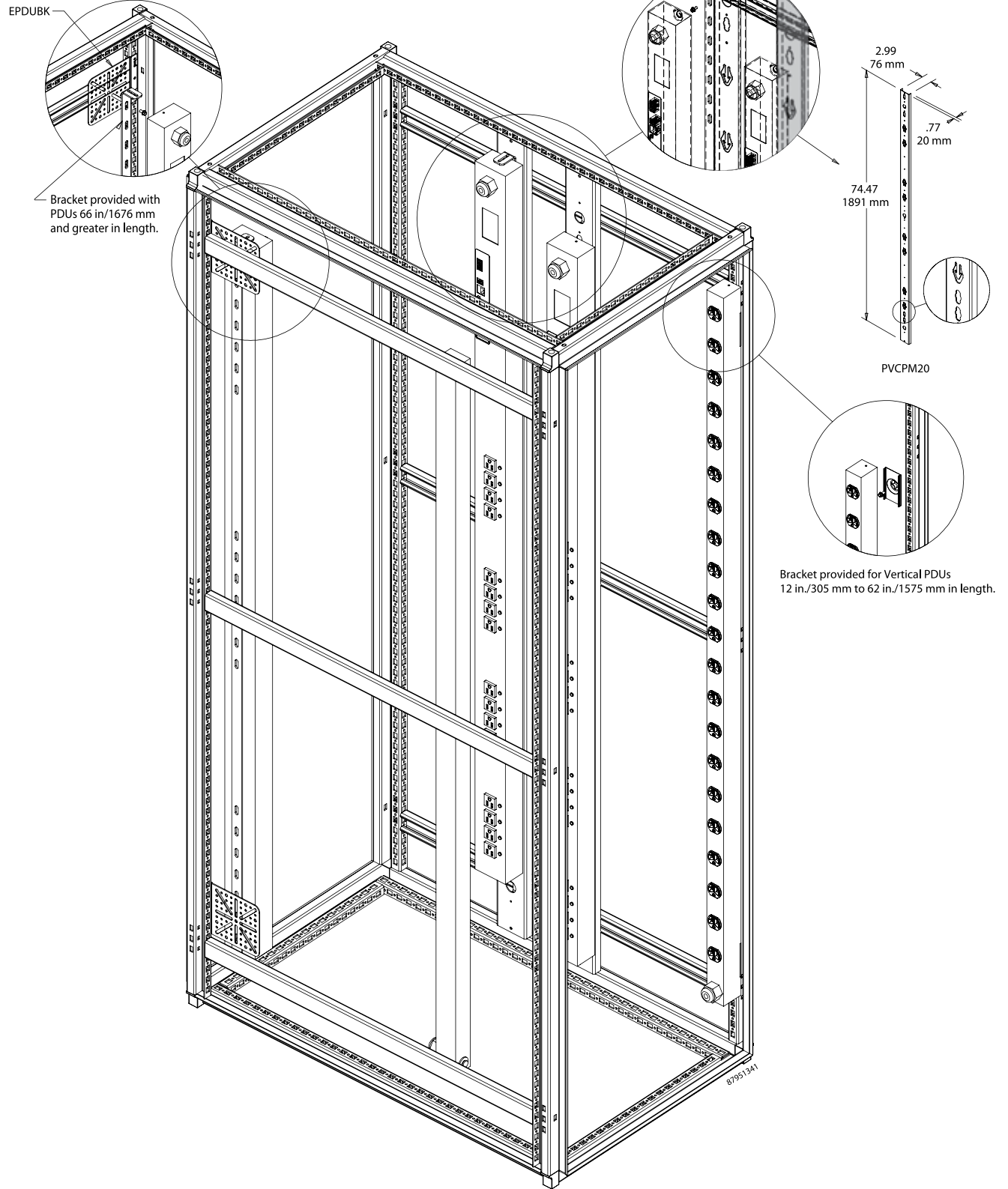
Catalog Number	RackPower Series	Load Rating	Voltage VAC	No. of Receptacles	Receptacle Style	Power Cord Plug	Assembly Style	Length in./mm	Width in./mm	Height in./mm
RPP208P20AP124	Basic	20A	208	24	20x C13, 4x C19	L6-20P plug	Vertical	43 1100	2 54	3 80
RPP208P30AP124	Basic	30A	208	24	20x C13, 4x C19	L6-30P plug	Vertical	43 1100	2 54	3 80
RPP208R20AP112	Basic	20A	208	12	C13	L6-20P plug	Horizontal	5 120	17 437.5	2 44.5
RPP208R30AP110	Basic	30A	208	10	C13	L6-30P plug	Horizontal	5 120	17 437.5	2 44.5
RP20P208P30AP124	RP2000	20A	208	24	21x C13, 3x C19	L6-20P plug	Vertical	53 1350	2 54	3 80
RP20P208P20AP124	RP2000	30A	208	24	21x C13, 3x C19	L6-30P plug	Vertical	53 1350	2 54	3 80
RP10208P30AP142	RP1000	30A	208	42	36x C13, 6x C19	L6-30P plug	Vertical	68 1725	2 54	3 80
RP15208P30AP124	RP1500	30A	208	24	21x C13, 3x C19	L6-30P plug	Vertical	53 1350	2 54	3 80
RP30208P20AP124	RP3000	20A	208	24	21x C13, 3x C19	L6-20P plug	Vertical	53 1350	2 54	3 80
RP30208P20AP324	RP3000	20A	208	24	21x C13, 3x C19	L6-20P plug	Vertical	67 1700	2 54	3 80

Standard Product Multiphase 208V Units

Catalog Number	RackPower Series	Load Rating	Voltage VAC	No. of Receptacles	Receptacle Style	Power Cord Plug	Assembly Style	Length in./mm	Width in./mm	Height in./mm
RP20P208P20AP324	RP2000	20A	208	24	21x C13, 3x C19	L2120P	Vertical	69 1750	2 54	3 80
RP20P208P30AP324	RP2000	30A	208	24	21x C13, 3x C19	L2130P	Vertical	67 1700	2 54	3 80
RP10208P30AP342	RP1000	30A	208	42	36x C13, 6x C19	CS8365C	Vertical	71 1800	3 85	4 90
RP15208P30AP324	RP1500	30A	208	24	21x C13, 3x C19	L2130P	Vertical	67 1700	2 54	3 80
RP30208P30AP124	RP3000	30A	208	24	21x C13, 3x C19	L2130P	Vertical	67 1700	2 54	3 80

PDU COMPONENT APPLICATION

Vertical PDU Mounting Options



EPDUBK

Bracket provided with PDUs 66 in./1676 mm and greater in length.

2.99
76 mm
.77
20 mm

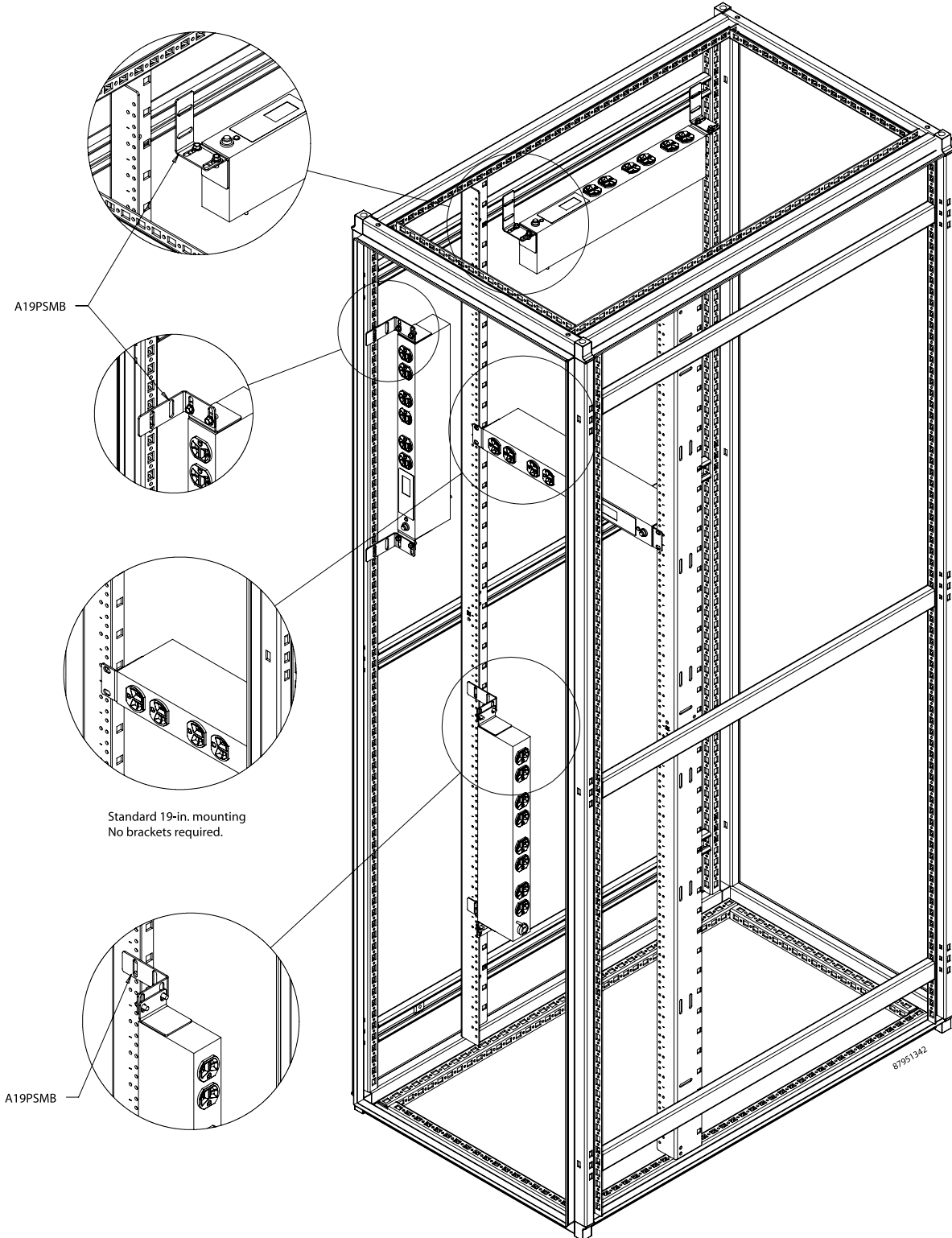
74.47
1891 mm

PVCPM20

Bracket provided for Vertical PDUs
12 in./305 mm to 62 in./1575 mm in length.

87951341

Horizontal PDU Mounting Options



A19PSMB

Standard 19-in. mounting
No brackets required.

A19PSMB

87951342

RACKPOWER IP GATEWAY



APPLICATION

RackPower IP Gateway is used that have the capability. It has a patented design that is hot pluggable for easy integration. It allows IP remote access to the PDUs by a single network IP. One IP Gateway supports a maximum of 16 PDUs in a daisy chain. Highly cost effective method to access the intelligent PDUs. SNMP capability v2 / v3. IP Gateway provides IP remote access to the PDUs by a single network IP address chain. RPM-04 - RackPower Management Software available with purchase of IP Gateway.

FEATURES

- Hot pluggable for easy integration
- Available for both Vertical and Horizontal PDUs
- Allows IP remote access to the PDUs by a single network IP
- One IP Gateway supports a maximum of 16 PDUs in a daisy chain
- Highly cost effective method to access the intelligent PDUs
- SNMP capability v2 / v3
- Manage your PDUs through our free RPM-04 software or through a 3rd Party DCIM via SNMP
- RPM-04 software available as a free download after purchase

RackPower IP Gateway

Catalog Number	Description
NPDV	IP Gateway for vertical mounted PDU
NPDH	IP Gateway for horizontal mounted PDU

RACKPOWER TEMPERATURE AND HUMIDITY SENSORS



APPLICATION

External sensors with 2M or 4M cord. Low profile design with magnetic base for easy affixing to the cabinet. Pair of sensors can be connected to one single PDU meter of the RP3000, RP2000, RP1500 and RP1500 series. Plug and play style. Temperature sensors or temperature and humidity sensors are low profile design with magnetic base for easy installation to rack.

FEATURES

- External sensor with 2M or 4M cord
- Plug and Play
- Low profile design with magnetic base for easy affixing to the cabinet
- Pair of sensors can be connected to one single PDU meter

RackPower Temperature and Humidity Sensors

Catalog Number	Description
NPS1	Temperature Sensor
NPS2	Temperature and Humidity Sensor

Notes