nVent | HOFFMAN

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 are a configured to order product that addresses 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.

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

FINISH

Standard is black, other finishes available

SPECIFICATIONS
- Steel housing
- Various cord length and plug styles available; also available in LSZH (low smoke zero halogen)
- Mounting hardware
- To configure your PDU, go to **http://schroff.biz/PDU_**Webapp/

BULLETIN: DPDU

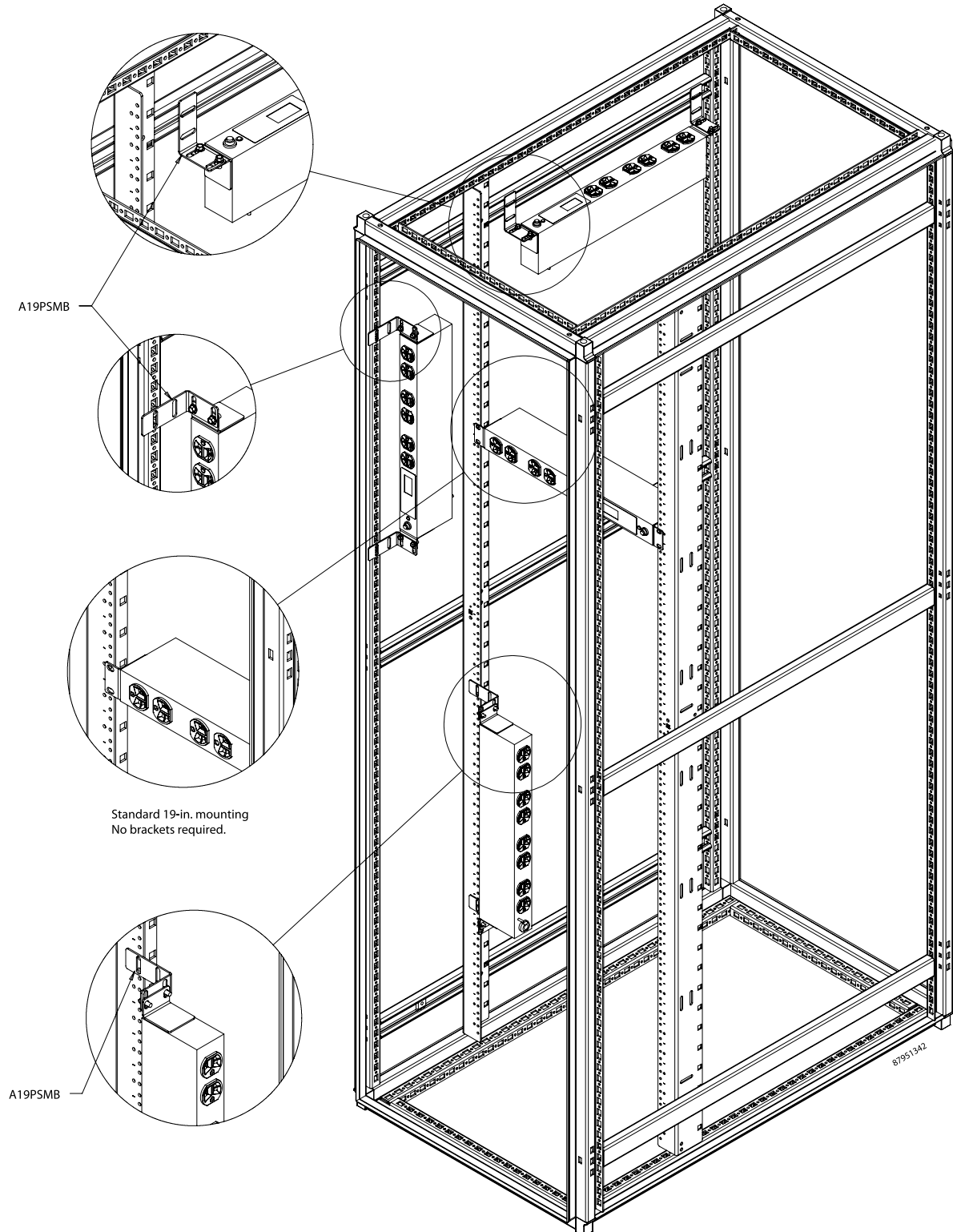| Catalog Number	Description	Mounting Style
NP1RX	110/120 VAC Single Phase	Rack Mount
NP1PX	110/120 VAC Single Phase	Panel Mount
NP2RX	230 VAC Single Phase	Rack Mount
NP2PX	230 VAC Single Phase	Panel Mount
NP3RX	Multi-Phase	Rack Mount
NP3PX	Multi-Phase	Panel Mount

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

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.

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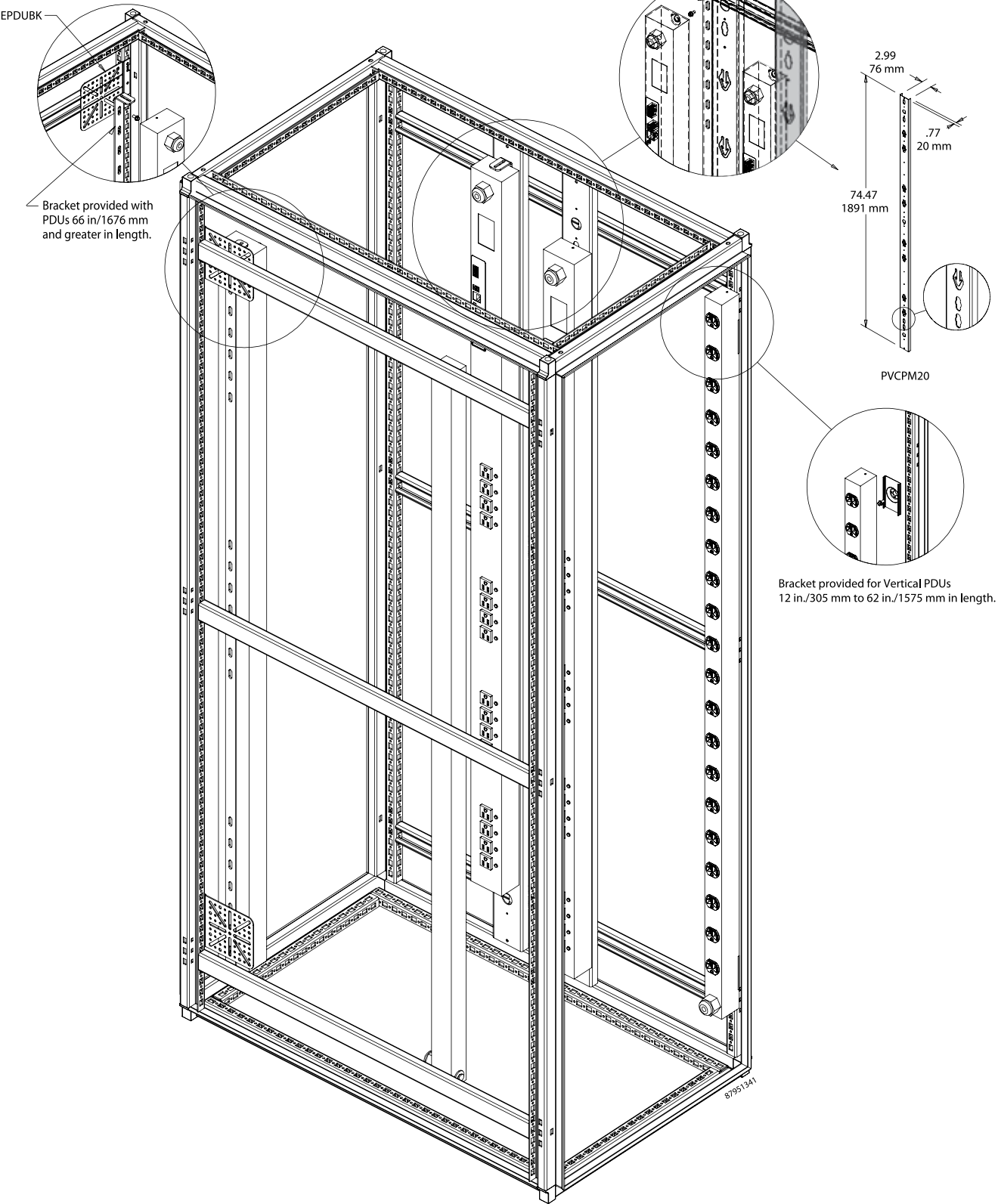
Horizontal PDU Mounting Options

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

Base Catalog Number	Description
NPS1	Temperature Sensor
NPS2	Temperature and Humidity Sensor