

# RackPower Intelligent Power Distribution Units

## Data Solutions

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.

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

To configure a custom PDU, go to [https://configurator.schroff.biz/PDU\\_Webapp/](https://configurator.schroff.biz/PDU_Webapp/)



### INDUSTRY STANDARDS

Test to UL File E309439 UL 60950-1 Information Technology Equipment

Test to cUL File E309439 CSA-C22.2 No. 60950-1 Information Technology Equipment

Technology Equipment

FCC

CE

RoHS

REACH

### 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

Various cord length and plug styles available; also available in LSZH (low smoke zero halogen)

Mounting hardware included

## SPECIFICATIONS

**Color:** Jet Black  
**Material:** Mild Steel  
**Finish:** Powder Coated  
**Color Code:** RAL 9005

Table 1/2

| Catalog Number       | Article Number | Height | Width | Depth | Electrical Load Rating | Voltage AC |
|----------------------|----------------|--------|-------|-------|------------------------|------------|
| RP10110P20AP<br>124  | 38753          | 1350mm | 80mm  | 54mm  | 20A                    | 110V       |
| RP10110P30AP<br>124  | 38754          | 1350mm | 80mm  | 54mm  | 30A                    | 110V       |
| RP10208H30AP<br>112B | 39335          | 438mm  | 120mm | 54mm  | 30A                    | 208V       |
| RP10208P30AP<br>136B | 39336          | 1725mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP10208P30AP<br>142  | 38755          | 1725mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP15208P30AP<br>124  | 38757          | 1350mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP20110P20AP<br>124  | 38745          | 1350mm | 80mm  | 54mm  | 20A                    | 110V       |
| RP20110P30AP<br>124  | 38746          | 1350mm | 80mm  | 54mm  | 30A                    | 110V       |

| CatalogNumber        | Article Number | Height | Width | Depth | Electrical Load Rating | Voltage AC |
|----------------------|----------------|--------|-------|-------|------------------------|------------|
| RP20P208P20A<br>P124 | 38748          | 1350mm | 80mm  | 54mm  | 20A                    | 208V       |
| RP20P208P30A<br>P124 | 38747          | 1350mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP30208P20AP<br>124  | 38762          | 1350mm | 80mm  | 54mm  | 20A                    | 208V       |
| RPP110P20AP1<br>24   | 38735          | 1100mm | 80mm  | 54mm  | 20A                    | 110V       |
| RPP110P30AP1<br>24   | 38736          | 1100mm | 80mm  | 54mm  | 30A                    | 110V       |
| RPP110R20AP1<br>10   | 38742          | 438mm  | 120mm | 45mm  | 20A                    | 110V       |
| RPP110R30AP1<br>10   | 38741          | 438mm  | 120mm | 45mm  | 30A                    | 110V       |
| RPP208P20AP1<br>24   | 38737          | 1100mm | 80mm  | 54mm  | 20A                    | 208V       |
| RPP208P30AP1<br>24   | 38738          | 1100mm | 80mm  | 54mm  | 30A                    | 208V       |
| RPP208R20AP1<br>12   | 38743          | 438mm  | 120mm | 45mm  | 20A                    | 208V       |
| RPP208R20AP1<br>14   | 39328          | 478mm  | 120mm | 45mm  | 20A                    | 208V       |
| RPP208R30AP1<br>10   | 38744          | 438mm  | 120mm | 45mm  | 30A                    | 208V       |
| RP10208P30AP<br>327B | 39334          | 1700mm | 80mm  | 54mm  | 30A                    | 208V       |

| CatalogNumber        | Article Number | Height | Width | Depth | Electrical Load Rating | Voltage AC |
|----------------------|----------------|--------|-------|-------|------------------------|------------|
| RP10208P30AP<br>342B | 39277          | 1725mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP15208P30AP<br>324  | 38758          | 1700mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP20P208P20A<br>P324 | 38751          | 1750mm | 80mm  | 54mm  | 20A                    | 208V       |
| RP20P208P30A<br>P324 | 38752          | 1700mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP30208P20AP<br>324  | 38763          | 1700mm | 80mm  | 54mm  | 20A                    | 208V       |
| RP30208P30AP<br>324  | 38761          | 1700mm | 80mm  | 54mm  | 30A                    | 208V       |
| RP10208P60AP<br>318B | 39331          | 1700mm | 90mm  | 60mm  | 60A                    | 208V       |
| RP10208P50AP<br>342  | 38756          | 1800mm | 90mm  | 85mm  | 50A                    | 208V       |
| RP10208P60AP<br>342B | 39333          | 1800mm | 90mm  | 85mm  | 60A                    | 208V       |

Table 2/2

| Catalog Number       | Article Number | Number of Phases | Socket Quantity | Socket Type | Plug Type   | Mounting |
|----------------------|----------------|------------------|-----------------|-------------|-------------|----------|
| RP10110P20AP<br>124  | 38753          | 1Ph              | 24              | NEMA 5-20R  | NEMA L5-20P | Vertical |
| RP10110P30AP<br>124  | 38754          | 1Ph              | 24              | NEMA 5-20R  | NEMA L5-30P | Vertical |
| RP10208H30AP<br>112B | 39335          | 1Ph              | 12              | (12) C13    | NEMA L6-30P | Vertical |

| CatalogNumber        | Article Number | Number of Phases | SocketQuantity | Socket Type          | Plug Type   | Mounting   |
|----------------------|----------------|------------------|----------------|----------------------|-------------|------------|
| RP10208P30AP<br>136B | 39336          | 1Ph              | 36             | (30) C13, (6)<br>C19 | NEMA L6-30P | Vertical   |
| RP10208P30AP<br>142  | 38755          | 1Ph              | 42             | (36) C13, (6)<br>C19 | NEMA L6-30P | Vertical   |
| RP15208P30AP<br>124  | 38757          | 1Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L6-30P | Vertical   |
| RP20110P20AP<br>124  | 38745          | 1Ph              | 24             | NEMA 5-20R           | NEMA L5-20P | Vertical   |
| RP20110P30AP<br>124  | 38746          | 1Ph              | 24             | NEMA 5-20R           | NEMA L5-30P | Vertical   |
| RP20P208P20A<br>P124 | 38748          | 1Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L6-30P | Vertical   |
| RP20P208P30A<br>P124 | 38747          | 1Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L6-20P | Vertical   |
| RP30208P20AP<br>124  | 38762          | 1Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L6-20P | Vertical   |
| RPP110P20AP1<br>24   | 38735          | 1Ph              | 24             | NEMA 5-20R           | NEMA L5-20P | Vertical   |
| RPP110P30AP1<br>24   | 38736          | 1Ph              | 24             | NEMA 5-20R           | NEMA L5-30P | Vertical   |
| RPP110R20AP1<br>10   | 38742          | 1Ph              | 10             | NEMA 5-20R           | NEMA L5-20P | Horizontal |
| RPP110R30AP1<br>10   | 38741          | 1Ph              | 10             | NEMA 5-20R           | NEMA L5-30P | Horizontal |
| RPP208P20AP1<br>24   | 38737          | 1Ph              | 24             | (20) C13, (4)<br>C19 | NEMA L6-20P | Vertical   |

| CatalogNumber        | Article Number | Number of Phases | SocketQuantity | Socket Type          | Plug Type                              | Mounting   |
|----------------------|----------------|------------------|----------------|----------------------|----------------------------------------|------------|
| RPP208P30AP1<br>24   | 38738          | 1Ph              | 24             | (20) C13, (4)<br>C19 | NEMA L6-30P                            | Vertical   |
| RPP208R20AP1<br>12   | 38743          | 1Ph              | 12             | C13                  | NEMA L6-20P                            | Horizontal |
| RPP208R20AP1<br>14   | 39328          | 1Ph              | 14             | (12) C13, (2)<br>C19 | NEMA L6-20P                            | Horizontal |
| RPP208R30AP1<br>10   | 38744          | 1Ph              | 10             | C13                  | NEMA L6-30P                            | Horizontal |
| RP10208P30AP<br>327B | 39334          | 3Ph              | 27             | (21) C13, (6)<br>C19 | NEMA L21-30P                           | Vertical   |
| RP10208P30AP<br>342B | 39277          | 3Ph              | 42             | (36) C13, (6)<br>C19 | NEMA L21-30P                           | Vertical   |
| RP15208P30AP<br>324  | 38758          | 3Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L21-30P                           | Vertical   |
| RP20P208P20A<br>P324 | 38751          | 3Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L21-20P                           | Vertical   |
| RP20P208P30A<br>P324 | 38752          | 3Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L21-30P                           | Vertical   |
| RP30208P20AP<br>324  | 38763          | 3Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L6-20P                            | Vertical   |
| RP30208P30AP<br>324  | 38761          | 3Ph              | 24             | (21) C13, (3)<br>C19 | NEMA L21-30P                           | Vertical   |
| RP10208P60AP<br>318B | 39331          | 3Ph              | 18             | (6) C13, (12)<br>C19 | IEC 60309 60A,<br>3P+E 9h Blue<br>Plug | Vertical   |
| RP10208P50AP<br>342  | 38756          | 3Ph              | 42             | (36) C13, (6)<br>C19 | CS8365C                                | Vertical   |

| CatalogNumber        | Article Number | Number of Phases | SocketQuantity | Socket Type          | Plug Type                              | Mounting |
|----------------------|----------------|------------------|----------------|----------------------|----------------------------------------|----------|
| RP10208P60AP<br>342B | 39333          | 3Ph              | 42             | (6) C13, (12)<br>C19 | IEC 60309 60A,<br>3P+E 9h Blue<br>Plug | Vertical |

### WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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