

## RACKPOWER IPDU INTELLIGENT POWER DISTRIBUTION UNITS



### INDUSTRY STANDARDS

Certified to UL62368-1, CSA62368-1, IEC/EN62368-1 for Information Technology Equipment

Complies with EN55032, EN55024, FCC Part 15 Subpart B and IEC-003

CE, Nemko, Demko  
RoHS  
REACH

### APPLICATION

RackPower Intelligent Power Distribution Units (iPDUs) include advanced solutions for power, environment and security management in data center and IT environments. RackPower iPDUs provide comprehensive and accurate energy measurement data to efficiently use power resources, make informed capacity planning decisions, improve uptime, and save energy. RackPower's full range of iPDUs, environmental sensors and access security eHandles are key to fulfilling mission critical data center needs.

### FEATURES

- Input metered, outlet switched, and/or outlet metered configurations available
- Global NEMA and IEC rated plugs and receptacles
- External communications and monitoring with protected and secure LAN connections
- Local and remote power monitoring of single outlets and circuits showing data for current (A), voltage (V), power (kW), energy consumption (kWh) and power factor of entire PDU with metering accuracy of within  $\pm 1\%$
- Tool-less hot-swappable Network Management Card (NMC) for flexible assembly and future upgrades

- Circuit breaker status monitoring provides active monitoring and alarming of circuit breaker on/off status
- Color coded outlets by circuit breaker for visual phase and load bank identification to reduce human error
- Adjustable tool-less mounting for fast installation
- High visibility data display and interactive graphic display
- Easy power source identification with user defined electronic color coding on display
- Daisy chain to manage and monitor up to 64 PDUs with a single IP address
- DC two-way power sharing to ensure uptime with always on network management and alarms
- Environmental monitoring and access control with plug and play support for up to 8 digital sensors per iPDU

### SPECIFICATIONS

- Steel housing
- Single or 3-phase power
- 120, 208, 230, 240, 400 or 415 VAC input voltages
- Various cord length and plug styles available
- NEMA 5-20R, C13, C19, 2-in-1 C13/C15 and 4-in-1 C13/C15/C19/C21 combination outlets available
- 10/100/1000 Mbps Ethernet networking
- Adjustable mounting hardware

### FINISH

Standard is black, other finishes available

### ORDERING

If the portfolio of pre-configured iPDUs do not meet your application needs, all iPDUs can be configured to order for your specifications. Contact Customer Service to place an order.

### RackPower Series Configuration Sets

|                 | RB0000 | RP1000 | RP2000 | RP6000 |
|-----------------|--------|--------|--------|--------|
| Input Metered   |        | X      | X      | X      |
| Outlet Switched |        |        | X      | X      |
| Outlet Metered  |        |        |        | X      |

Standard Product

| Catalog Number | Description                     | Phase | Voltage (V) | Current (A) | Power Cord Plug                        | Power (kVA) | Receptacle Quantity | Outlet Type               | Length mm/in. | Width mm/in. | Depth mm/in. |
|----------------|---------------------------------|-------|-------------|-------------|--|-------------|---------------------|---------------------------|---------------|--------------|--------------|
| RB0316         | Basic PDU                       | 1     | 120         | 20          | NEMA L5-20P                            | 1.9         | 16                  | (16)5-20R                 | 817<br>32.17  | 52<br>2.05   | 53<br>2.09   |
| RB0323         | Basic PDU                       | 1     | 120         | 30          | NEMA L5-30P                            | 2.9         | 22                  | (22)5-20R                 | 817<br>32.17  | 52<br>2.05   | 53<br>2.09   |
| RB0324         | Basic PDU                       | 1     | 208         | 30          | NEMA L6-30P                            | 5.0         | 24                  | (20)C13, (4)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RB0322A        | Basic PDU                       | 1     | 230         | 20          | C20 w/L6-20P & 316P6                   | 3.7         | 22                  | (20)C13, (2)C19           | 817<br>32.17  | 52<br>2.05   | 53<br>2.09   |
| RB0328         | Basic PDU                       | 1     | 230         | 32          | IEC 60309 332P6                        | 7.4         | 30                  | (24)C13, (6)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RB0851         | Basic PDU                       | 3     | 208         | 30          | NEMA L21-30P                           | 8.6         | 42                  | (21)C13/C15 Combo         | 1780          | 56           | 75           |
| RB0952         | Basic PDU                       | 3     | 208         | 60          | IEC 60309 3P+E 9h 60A (IP44)           | 17.3        | 42                  | (21)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RB0450         | Basic PDU                       | 3     | 400         | 20(16)/16   | IEC 60309 3P+N+E 6h 16A/20A (IP44)     | 11.5/11.0   | 42                  | (21)C13/C15 Combo         | 1780          | 56           | 75           |
| RB0850         | Basic PDU                       | 3     | 400         | 32/30(24)   | IEC 60309 3P+N+E 6h 32A/30A (IP44)     | 22.1/17.3   | 48                  | (21)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP6324         | Outlet Metered, Outlet Switched | 1     | 208         | 30          | NEMA L6-30P                            | 5.0         | 24                  | (20)C13 (4)C19            | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP6325         | Outlet Metered, Outlet Switched | 1     | 230         | 32          | IEC 60309 332P6                        | 7.4         | 24                  | (20)C13 (4)C19            | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP6851         | Outlet Metered, Outlet Switched | 3     | 208         | 30          | NEMA L21-30P                           | 8.6         | 48                  | (24)C13/C15 Combo         | 1780          | 56           | 75           |
| RP6952         | Outlet Metered, Outlet Switched | 3     | 208         | 60          | IEC 60309 3P+E 9h 60A (IP44)           | 17.3        | 42                  | (24)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP6951         | Outlet Metered, Outlet Switched | 3     | 208         | 50(40)      | CS8365                                 | 14.4        | 42                  | (21)C13/C15 Combo         | 1780          | 56           | 75           |
| RP6450         | Outlet Metered, Outlet Switched | 3     | 400         | 20(16)/16   | IEC 60309 3P+N+E 6h 16A/20A (IP44)     | 11.5/11.0   | 48                  | (21)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP6850         | Outlet Metered, Outlet Switched | 3     | 400         | 30(24)/32   | IEC 60309 3P+N+E 6h 32A/30A (IP44)     | 22.1/17.3   | 48                  | (24)C13/C15 Combo         | 1490<br>58.66 | 56<br>2.20   | 75<br>2.95   |
| RP6950         | Outlet Metered, Outlet Switched | 3     | 400         | 60(48)      | IEC 60309 3P+N+E 6h 563P6/560P6 (IP44) | 43.5/34.6   | 42                  | (24)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP1316         | Input Metered                   | 1     | 120         | 20          | NEMA L5-20P                            | 1.9         | 16                  | (16)5-20R                 | 1826<br>71.89 | 56<br>2.20   | 75<br>2.95   |
| RP1327         | Input Metered                   | 1     | 120         | 30          | NEMA L5-30P                            | 2.9         | 24                  | (24)5-20R                 | 817<br>32.17  | 52<br>2.05   | 53<br>2.09   |
| RP1326A        | Input Metered                   | 1     | 208         | 20          | C20 w/L6-20P & 316P6                   | 3.3         | 24                  | (20)C13 (4)C19            | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP1324         | Input Metered                   | 1     | 208         | 30          | NEMA L6-30P                            | 5.0         | 24                  | (20)C13, (4)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP1325         | Input Metered                   | 1     | 230         | 32          | IEC 60309 332P6                        | 7.4         | 24                  | (20)C13, (4)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP1851         | Input Metered                   | 3     | 208         | 30          | NEMA L21-30P                           | 8.6         | 42                  | (21)C13/C15 Combo         | 1780          | 56           | 75           |
| RP1952         | Input Metered                   | 3     | 208         | 60          | IEC 60309 3P+E 9h 60A (IP44)           | 17.3        | 42                  | (21)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP1951         | Input Metered                   | 3     | 208         | 50(40)      | CS8365                                 | 14.4        | 42                  | (21)C13/C15 Combo         | 1780          | 56           | 75           |
| RP1450         | Input Metered                   | 3     | 400         | 20(16)/16   | IEC 60309 3P+N+E 6h 16A/20A (IP44)     | 11.5/11.0   | 42                  | (21)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP1850         | Input Metered                   | 3     | 400         | 30(24)/32   | IEC 60309 3P+N+E 6h 32A/30A (IP44)     | 22.1/17.3   | 48                  | (21)C13/C15 Combo         | 1490<br>58.66 | 56<br>2.20   | 75<br>2.17   |
| RP1950         | Input Metered                   | 3     | 400         | 60(48)      | IEC 60309 3P+N+E 6h 563P6/560P6 (IP44) | 43.5/34.6   | 42                  | (24)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP2310         | Input Metered, Outlet Switched  | 1     | 120         | 20          | NEMA L5-20P                            | 1.9         | 12                  | (12)5-20R                 | 1826<br>71.89 | 56<br>2.20   | 75<br>2.95   |
| RP2319         | Input Metered, Outlet Switched  | 1     | 120         | 30          | NEMA L5-30P                            | 2.9         | 18                  | (18)5-20R                 | 917<br>36.10  | 52<br>2.05   | 53<br>2.09   |
| RP2324         | Input Metered, Outlet Switched  | 1     | 208         | 30          | NEMA L6-30P                            | 5.0         | 24                  | (20)C13, (4)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP2326A        | Input Metered, Outlet Switched  | 1     | 230         | 20          | C20 w/L6-20P & 316P6                   | 3.7         | 24                  | (20)C13, (4)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP2325         | Input Metered, Outlet Switched  | 1     | 230         | 32          | IEC 60309 332P6                        | 7.4         | 24                  | (20)C13, (4)C19           | 1490<br>58.66 | 52<br>2.05   | 53<br>2.09   |
| RP2851         | Input Metered, Outlet Switched  | 3     | 208         | 30          | NEMA L21-30P                           | 8.6         | 48                  | (24)C13/C15 Combo         | 1780          | 56           | 75           |
| RP2952         | Input Metered, Outlet Switched  | 3     | 208         | 60          | IEC 60309 3P+E 9h 60A (IP44)           | 17.3        | 42                  | (24)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP2951         | Input Metered, Outlet Switched  | 3     | 208         | 50(40)      | CS8365                                 | 14.4        | 42                  | (21)C13/C15 Combo         | 1826<br>71.89 | 56<br>2.20   | 75<br>2.95   |
| RP2450         | Input Metered, Outlet Switched  | 3     | 400         | 20(16)/16   | IEC 60309 3P+N+E 6h 16A/20A (IP44)     | 11.5/11.0   | 42                  | (21)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |
| RP2850         | Input Metered, Outlet Switched  | 3     | 400         | 30(24)/32   | IEC 60309 3P+N+E 6h 32A/30A (IP44)     | 22.1/17.3   | 48                  | (21)C13/C15 Combo         | 1490<br>58.66 | 56<br>2.20   | 75<br>2.95   |
| RP2950         | Input Metered, Outlet Switched  | 3     | 400         | 60(48)      | IEC 60309 3P+N+E 6h 563P6/560P6 (IP44) | 43.5/34.6   | 42                  | (24)C13/C15/C19/C21 Combo | 70.08         | 2.20         | 2.95         |

## RACKPOWER ENVIRONMENTAL MONITORING SENSORS



### APPLICATION

RackPower sensors add comprehensive environmental monitoring to any RackPower intelligent PDU. Plug and play sensors seamlessly integrate with PDUs and monitoring software.

RackPower environmental sensors are engineered with an embedded microchip that converts analog signals to digital format before data travels to the PDU, providing greater accuracy. This smart design enables plug and play installation that takes just moments to complete. Installation of sensors and ongoing equipment maintenance is further facilitated by the use of quick disconnect couplers and Ethernet cable, which allow for convenient extension of sensors, movement of equipment, and an easy disconnect method for removing rack enclosure doors.

### FEATURES

- External sensors include 2M (78.74 in.) cords
- Plug and play support for up to 8 digital sensors per PDU
- Low profile design with magnetic base for easy affixing to the cabinet

| Catalog Number | Description                           |
|----------------|---------------------------------------|
| EA9102         | Temperature Sensor                    |
| EA9103         | Temperature and Humidity Sensor       |
| EA9105         | (3) Temperature + (1) Humidity Sensor |
| EA9106         | Sensor Input Hub (3 sensor inputs)    |
| EA9109         | Door Switch Sensor                    |
| EA9110         | Dry Contact Cable                     |
| EA9111         | Spot Fluid Leak Sensor                |
| EA9112         | Rope Fluid Leak Sensor                |

**Notes**