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 IECS-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 ± 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 32.17	52 2.05	53 2.09
RB0323	Basic PDU	1	120	30	NEMA L5-30P	2.9	22	(22)5-20R	817 32.17	52 2.05	53 2.09
RB0324	Basic PDU	1	208	30	NEMA L6-30P	5.0	24	(20)C13, (4)C19	1490 58.66	52 2.05	53 2.09
RB0322A	Basic PDU	1	230	20	C20 w/L6-20P & 316P6	3.7	22	(20)C13, (2)C19	817 32.17	52 2.05	53 2.09
RB0328	Basic PDU	1	230	32	IEC 60309 332P6	7.4	30	(24)C13, (6)C19	1490 58.66	52 2.05	53 2.09
RB0851	Basic PDU	3	208	30	NEMA L21-30P	8.6	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RB0952	Basic PDU	3	208	60	IEC 60309 3P+E 9h 60A (IP44)	17.3	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 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 (21)C13/C15/C19/C21 Combo	1490 58.66	56 2.20	55 2.17
RB0850	Basic PDU	3	400	32/30(24)	IEC 60309 3P+N+E 6h 32A/30A (IP44)	22.1/17.3	48	(24)C13/C15 Combo (24)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP6324	Outlet Metered, Outlet Switched	1	208	30	NEMA L6-30P	5.0	24	(20)C13 (4)C19	1750 68.90	52 2.05	53 2.09
RP6325	Outlet Metered, Outlet Switched	1	230	32	IEC 60309 332P6	7.4	24	(20)C13 (4)C19	1750 68.90	52 2.05	53 2.09
RP6851	Outlet Metered, Outlet Switched	3	208	30	NEMA L21-30P	8.6	48	(24)C13/C15 Combo (24)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP6952	Outlet Metered, Outlet Switched	3	208	60	IEC 60309 3P+E 9h 60A (IP44)	17.3	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP6951	Outlet Metered, Outlet Switched	3	208	50(40)	CS8365	14.4	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP6450	Outlet Metered, Outlet Switched	3	400	20(16)/16	IEC 60309 3P+N+E 6h 16A/20A (IP44)	11.5/11.0	48	(24)C13/C15 Combo (24)C13/C15/C19/C21 Combo	1490 58.66	56 2.20	75 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 (24)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 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	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1826 71.89	56 2.20	75 2.95
RP1316	Input Metered	1	120	20	NEMA L5-20P	1.9	16	(16)5-20R	817 32.17	52 2.05	53 2.09
RP1327	Input Metered	1	120	30	NEMA L5-30P	2.9	24	(24)5-20R	1490 58.66	52 2.05	53 2.09
RP1326A	Input Metered	1	208	20	C20 w/L6-20P & 316P6	3.3	24	(20)C13 (4)C19	1490 58.66	52 2.05	53 2.09
RP1324	Input Metered	1	208	30	NEMA L6-30P	5.0	24	(20)C13, (4)C19	1490 58.66	52 2.05	53 2.09
RP1325	Input Metered	1	230	32	IEC 60309 332P6	7.4	24	(20)C13, (4)C19	1490 58.66	52 2.05	53 2.09
RP1851	Input Metered	3	208	30	NEMA L21-30P	8.6	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP1952	Input Metered	3	208	60	IEC 60309 3P+E 9h 60A (IP44)	17.3	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP1951	Input Metered	3	208	50(40)	CS8365	14.4	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
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 Combo (21)C13/C15/C19/C21 Combo	1490 58.66	56 2.20	55 2.17
RP1850	Input Metered	3	400	30(24)/32	IEC 60309 3P+N+E 6h 32A/30A (IP44)	22.1/17.3	48	(24)C13/C15 Combo (24)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP1950	Input Metered	3	400	60(48)	IEC 60309 3P+N+E 6h 563P6/560P6 (IP44)	43.5/34.6	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1826 71.89	56 2.20	75 2.95
RP2310	Input Metered, Outlet Switched	1	120	20	NEMA L5-20P	1.9	12	(12)5-20R	917 36.10	52 2.05	53 2.09
RP2319	Input Metered, Outlet Switched	1	120	30	NEMA L5-30P	2.9	18	(18)5-20R	1490 58.66	52 2.05	53 2.09
RP2324	Input Metered, Outlet Switched	1	208	30	NEMA L6-30P	5.0	24	(20)C13, (4)C19	1750 68.90	52 2.05	53 2.09
RP2326A	Input Metered, Outlet Switched	1	230	20	C20 w/L6-20P & 316P6	3.7	24	(20)C13, (4)C19	1490 58.66	52 2.05	53 2.09
RP2325	Input Metered, Outlet Switched	1	230	32	IEC 60309 332P6	7.4	24	(20)C13, (4)C19	1750 68.90	52 2.05	53 2.09
RP2851	Input Metered, Outlet Switched	3	208	30	NEMA L21-30P	8.6	48	(24)C13/C15 Combo (24)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 2.95
RP2952	Input Metered, Outlet Switched	3	208	60	IEC 60309 3P+E 9h 60A (IP44)	17.3	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1826 71.89	56 2.20	75 2.95
RP2951	Input Metered, Outlet Switched	3	208	50(40)	CS8365	14.4	42	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1826 71.89	56 2.20	75 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 Combo (21)C13/C15/C19/C21 Combo	1490 58.66	56 2.20	75 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	(24)C13/C15 Combo (24)C13/C15/C19/C21 Combo	1780 70.08	56 2.20	75 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	(21)C13/C15 Combo (21)C13/C15/C19/C21 Combo	1826 71.89	56 2.20	75 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