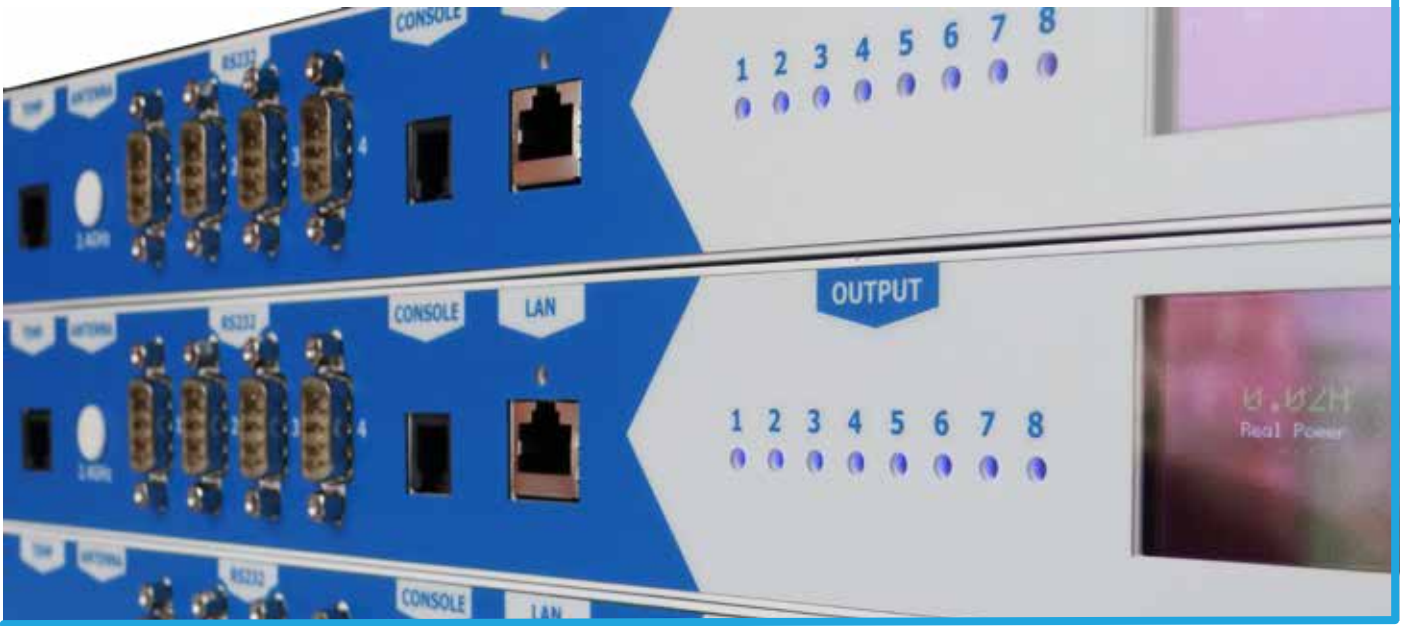


POWERMANAGER

a smart product by Racktivity



Racktivity PowerManager PM0816-01 PDU equips your data center with the industry's most advanced metering and switching capability.

With Racktivity PowerManager, you get a powerful system for energy and capacity optimisation and the reliable IT asset protection you demand, all in one PDU.

The PDU gives you current, relevant and actionable power utilization data to make informed decisions on load balancing and managing IT assets based on event triggers and energy consumption to lower total cost of ownership. The PowerManager provides **real-time remote PDU-level and outlet-level true RMS monitoring of current (A), voltage (V), power (VA, W), power factor (%) and energy consumption (kWh) with +/- 1% accuracy.**

The PowerManager integrates with third party software or Racktivity's own DCPM, our Performance & Power Management Software. User-defined alarm and warning thresholds help manage risk with real-time local and remote alerts to warn of potential circuit overloads and environmental events.

.benefits

- › Fore-warned is fore-armed: pro-actively prevent downtime by creating customised alarms
- › Identify and eliminate idle servers
- › Identify failing power supplies
- › Plan capacity and avoid inefficient power usage
- › Full-feature and easy integration with our *DCPM* solution, ultimate server software to monitor, manage and optimise your power usage and environmental information
- › Know exactly how much energy each customer consumes, enabling you to provide correct billing information to your customers
- › Ultra low energy consumption

.features

- › Real time, true RMS measurements at outlet level: power, apparent power, current, power factor, KiloVolt AmpHrs, Consumption
- › Individual power outlet-level switching capability
- › Short term, long term and event driven logging
- › Inrush current protection
- › Sequential start-up
- › Programmable thresholds for alarms/warnings
- › Flash upgradable
- › Temperature sensor
- › SNMP v2c
- › Electronic soft fuse
- › OLED display

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Racktivity

.technical specifications

- › Input: 1x IEC C20, 100-240V, 60Hz, max 16A
- › Output: 8x IEC320-C13, max 8A/outlet, switched & metered
- › True RMS 25.000 samples/second/outlet
- › Billing grade accuracy: +/- 1%
- › Inlet - PDU totals: Voltage (V), Power (W), Apparent Power (VA), Current (A), Power Factor (%), Frequency (HZ), Energy Consumption (kWh), KiloVolt Ampere Hours (kVAh)
- › Outlet: Power (W), Apparant Power (VA), Current (A), Power Factor (%), Frequency (Hz), Energy Consumption (kWh), KiloVolt Ampere Hours (kVAh)
- › Internal temperature sensor
- › Start-up logging, event logging
- › Ethernet 10/100 Mbps auto detecting, half/full duplex connection
- › Remote access web interface through web browser
- › CLI (Command Line Interface): directly and over Telnet
- › 4x RS232 (DB9) for target device CLI console
- › SNMP TRAPS, SETs, GETs support (v2c)
- › Warning level for Voltage, Power, Current, Temperature and more
- › Record Time & Date of Min / Max Voltage, Current, Temperature
- › Programmable startup sequence
- › Priority outlet overcurrent management
- › Programmable electronic soft fuse
- › Peak power detection
- › Inrush current protection when toggling outlets on or off using zero crossing switching
- › 1U form factor
- › Rack mountable
- › OLED display with control buttons
- › LED power ON/OFF indicators at each outlet
- › Color: White coat
- › CE/ROHS compliant
- › Compatible with DCPM (Racktivity's Performance & Power Management Software) and third party power monitoring software solutions.

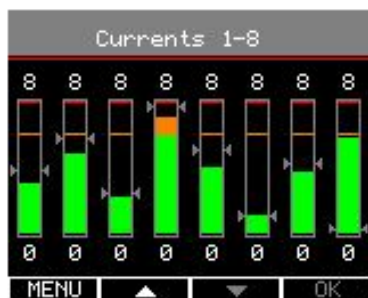
.front



.back



.display



.web UI

Port	Current	Maximum	Real Power	Apparent Power	Power Factor	Energy kWh	Power Factor kWh	Energy kWh	Reset	kWh
1	0.00 A	0.41 A	0 W	0 VA	100 %	204.32 kWh	210.94 kWh	204.32 kWh	204.32 kWh	204.32 kWh
2	0.52 A	0.75 A	105 W	118 VA	89 %	1164.84 kWh	1314.18 kWh	1164.84 kWh	1164.84 kWh	1164.84 kWh
3	0.50 A	0.91 A	100 W	114 VA	88 %	1499.40 kWh	1688.32 kWh	1499.40 kWh	1499.40 kWh	1499.40 kWh
4	0.60 A	0.94 A	127 W	135 VA	94 %	1709.72 kWh	1886.79 kWh	1709.72 kWh	1709.72 kWh	1709.72 kWh
5	0.17 A	0.98 A	17 W	38 VA	45 %	558.33 kWh	829.66 kWh	558.33 kWh	558.33 kWh	558.33 kWh
6	0.13 A	1.35 A	11 W	28 VA	39 %	377.88 kWh	514.11 kWh	377.88 kWh	377.88 kWh	377.88 kWh
7	0.00 A	0.95 A	0 W	0 VA	100 %	316.76 kWh	341.72 kWh	316.76 kWh	316.76 kWh	316.76 kWh
8	0.23 A	0.98 A	16 W	53 VA	30 %	465.63 kWh	683.89 kWh	465.63 kWh	465.63 kWh	465.63 kWh
Total	2.16 A	6.50 A	376 W	486 VA	77 %	6296.87 kWh	7475.61 kWh	6296.87 kWh	6296.87 kWh	6296.87 kWh

Voltage: 227.00 V
 Frequency: 50.00 Hz