PXE Intelligent Rack PDU

Intelligent Rack Power Distribution

Budget friendly smart PDU's to enable energy management in the data center

PXE Series

Intelligent PDUs that give you more control of power and cooling in the data center

▶ Remote power monitoring and metering of current (amps), voltage, power (kVA, kW), and energy consumption (kWh)

▶ Capable of +/- 2% kWh accuracy

▶ Environment sensor ready

▶ PDU power information

▶ Ethernet and serial access

▶ Alerts via SNMP, email, and syslog when thresholds are exceeded

▶ Supports HTTP, HTTPS, SSH, Telnet, and SNMP

▶ Advanced authorization options including permissions, LDAP-S, and Active Directory

▶ Strong encryption and passwords

The Raritan PXE family of rack power distribution units (PDUs) offers real time remote power monitoring of current (amps), voltage, power (kVA, kW), and energy consumption (kWh) with +/- 2% accuracy.

Raritan power management solutions enable data center and facilities managers:

▶ Make informed capacity planning decisions

▶ Efficiently utilize power resources

▶ Improve uptime and staff productivity

▶ Save power and money

▶ Measure PUE (Power Usage Effectiveness) and drive green data center initiatives

Monitor and manage power, energy, and the data center environment

With PXE, accurate real-time power monitoring and metering is now available. PXE provides alerts based on preset power and environment events. All PXEs are environment monitoring ready and accept Raritan's plug-and-play environment sensors. The PXE intelligent rack PDU allows you to:

▶ Find stranded power in racks

▶ Load balance lines and circuits

▶ Trend and track energy utilization and bill power costs to users

▶ Detect data center hot spots

▶ Eliminate overcooling and increase temperature set points safely

▶ Support cold/hot aisle containment and high-density 1U servers

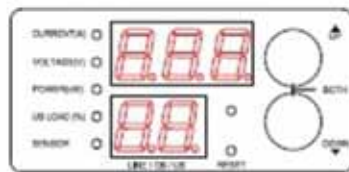### Take a step towards Green Grid's PUE Level 2

Raritan's PXE gives you the power information required to get to Green Grid's PUE level 2. Coupled with Power IQ®, Raritan's energy management software, data center managers can now centralize power analytics from Raritan's intelligent PDU's and a wide range of third-party rack PDUs and UPSs, including those from APC, Server Technology and many others.

Raritan®

Know more. Manage smarter.™

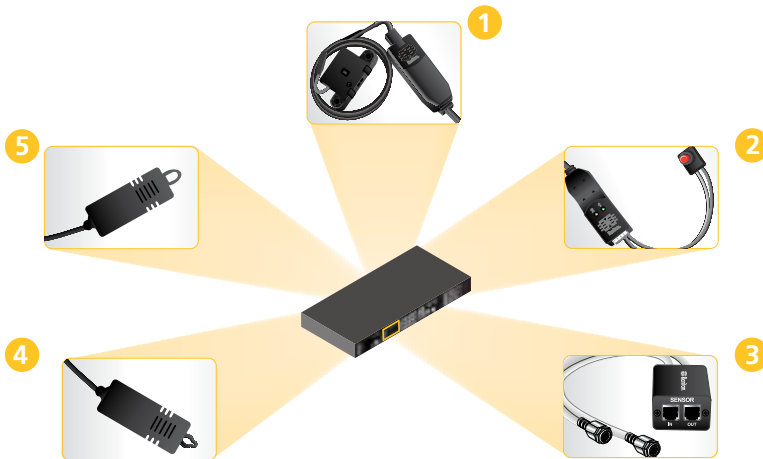# Advanced features without the cost

PXE available models

PXE-1190R	Single phase, 230-240V, 16A, 8 outlets: IEC C-13, plug: IEC 60309 16A, 3.7 – 3.8 kVA, 1U horizontal PDU, Ethernet, RS-485 serial, USB-B, and environment sensor ports
PXE-1488	Single phase, 230-240V, 16A, 24 outlets: 20 x IEC C-13 and 4 x IEC C-19, plug: IEC 60309 16A, 3.7 – 3.8 kVA, 0U vertical PDU, Ethernet, RS-485 serial, USB-B, and environment sensor ports
PXE-1493	Single phase, 230-240V, 32A, 24 outlets: 20 x IEC C-13 and 4 x IEC C-19, plug: IEC 60309 32A, 7.4 – 7.7 kVA, 0U vertical PDU, Ethernet, RS-485 serial, USB-B, and environment sensor ports, 2 x 16A circuit breakers
PXE-1847	Single phase, 230-240V, 32A, 42 outlets: 36 x IEC C-13 and 6 x IEC C-19, plug: IEC 60309 32A, 7.4 – 7.7 kVA, 0U vertical PDU, Ethernet, RS-485 serial, USB-B, and environment sensor ports, 2 x 16A circuit breakers

PXE display and ports

1. Check total PDU/circuit power consumption before adding devices
2. See current, voltage, kVA, kW, and kWh data at the rack
3. 10/100 Mbit Ethernet port for remote network monitoring
4. Sensor port for environment monitoring

PXE available sensors

1. Single airflow sensor
2. Dual contact closure sensor
3. Single combo differential pressure and temperature sensors
4. Single combo temperature and humidity sensors
5. Single temperature sensor

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Raritan provides secure IT infrastructure management solutions that increase data center efficiency and productivity by delivering integrated in-band and out-of-band server access, control and power management. Raritan's KVM, serial console and intelligent PDU products are in use at over 50,000 locations worldwide. Raritan's OEM division provides embedded hardware and firmware for server and client management, including KVM over IP, IPMI, intelligent power management and other industry standards-based management applications.

Based in Somerset, NJ, Raritan has 38 offices worldwide, serving 76 countries. For more information, please visit www.raritan.eu