



Power IQ

Manage all of your rack PDUs via a single Web interface.

Platform Options:

- ▶ VMware Virtual Appliance
 - Our application software, database and hardened Linux® operating system is fully tested and ready to load on your VMware® platform
 - Tested with ESX, ESXi and Player
- ▶ Raritan Hardware Appliance
 - Our application software, database and hardened Linux operating system is loaded on our enterprise-class, rack mountable 2U server with dual power supply and redundant fans



Intelligent Power Management

A power management solution that helps you be more energy efficient.

Power IQ™ software - through a single Web interface - simplifies management of and data collection for multiple rack PDUs to help IT and facilities managers improve data center availability, enhance capacity planning and improve energy efficiency. Power IQ provides energy and CO2 consumption reports for IT devices, racks, zones, customers and data centers. Plus power and environmental trend reporting enables managers to stay ahead of data center capacity needs.

Power IQ manages any number of Raritan's Dominion® PX and third-party rack PDUs. The system is open database compliant (ODBC) and can be integrated with your current data warehouse and enterprise reporting system.

Make Informed Capacity Planning Decisions

Power IQ allows you to accurately monitor and measure key power data. This data can be used to manage current needs as well as help you plan for future data center growth. Capabilities include:

- ▶ Collecting and grouping actual current draw, so you can compare it to rated capacity
- ▶ Collecting and grouping actual power load to update design assumptions
- ▶ Monitoring trends to understand future needs
- ▶ Finding hot spots, allowing you to eliminate them by making informed add and move decisions

Efficiently Utilize Energy

Power IQ provides you with valuable information that can help you gain efficiencies in the data center right away, including:

- ▶ Providing baseline data center energy usage by IT device, rack, zone, customer, department and data center
- ▶ Measuring your energy improvements
- ▶ Understanding which systems are candidates for consolidation
- ▶ Measuring temperatures at the rack to see where adjustments can be made to optimize cooling

Security Is Ensured

- ▶ LDAP/AD integration offers easier centralized authentication
- ▶ Trusted host definitions can be assigned so only named hosts can access the system
- ▶ AES encryption up to 256 bits protects your information

Rack PDU Management

- ▶ A Central Management Console consolidates names, polling status, location, model and firmware onto one screen, saving valuable management time
- ▶ Bulk Dominion PX configuration lets you name outlets and set common parameters with ease
- ▶ Dominion PX firmware management helps track and distribute firmware updates

Power and Environmental Data Aggregation

- ▶ User configurable collection intervals ensure desired accuracy while minimizing network traffic
- ▶ Aggregate active power, current, voltage, temperature and humidity data
- ▶ User configurable data retention

Reporting

- ▶ Energy, cost and CO2 consumption reports keep your customers and/or internal departments informed
- ▶ CO2 certificate report helps you certify usage change from one period to another to support carbon credit claims
- ▶ Exception reports help you find stranded power capacity
- ▶ Trending and status reports help you easily see future capacity needs

Open Data Model

- ▶ Open database connectivity capabilities let you use your existing data warehouse and reporting system to generate custom reports
- ▶ Import and export data via CSV file

Support for Third-Party PDUs

- ▶ APC Switched PDUs
- ▶ APC Metered PDUs
- ▶ APC In-Line Meters
- ▶ HP Rack PDUs
- ▶ Eaton In-Line Meters
- ▶ ServerTech CDUs

Simplified PDU Management

The screenshot shows the Raritan Power IQ interface. On the left, there's a sidebar with navigation options like 'Dashboard', 'Data Center', 'PDU', 'IT Device', 'Analytics', and 'Settings'. The main area displays 'PDU Health' with a green bar chart and 'Active Power Usage' with a line graph. A blue callout box points to the 'Bulk Configuration', 'Firmware Management', and 'Outlet Naming' options in the interface.

- Bulk Configuration
- Firmware Management
- Outlet Naming

Create Custom Reports

The screenshot shows the 'Report Configuration' screen in Raritan Power IQ. It includes fields for 'Title', 'Description', 'Start Date', and 'End Date'. There are sections for 'Data Selection' and 'Data Columns'. A blue callout box lists report types: 'Outlet', 'IT Device', 'Customer', 'Department', 'Rack', 'Zone', 'Floor', and 'Data Center'. Another callout box lists report metrics: 'Active Power', 'Energy', 'Carbon', and 'Cost'.

- Report via:
 - Active Power
 - Energy
 - Carbon
 - Cost
- Report via:
 - Outlet
 - IT Device
 - Customer
 - Department
 - Rack
 - Zone
 - Floor
 - Data Center

Export Graphed Data to CSV

The screenshot shows a graph titled 'Active Power - Past 24 Hours' with a y-axis labeled 'Active Power (kilowatts)' ranging from 0 to 1,000 and an x-axis labeled 'Time' from 12:00 PM to 1:00 PM. A blue callout box points to an 'Add Chart' button with the text 'Click to export any graphed data'.

Ready to learn more about Raritan's Power IQ?

Call 1.800.724.8090 or visit www.raritan.com/poweriq today

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