



HIGHLIGHTS

- An intelligent appliance for the server racks that provides continuous monitoring of power usage*
- Manages power to all the servers in the rack and provides unified Dashboard interface with a graphical view of the power usage
- Power Metering/Budgeting
- Power Policies
- Power Control/Management
- Detailed Reporting Tools
- Green IT Baseline Calculator
- Carbon Footprint Reviews
- Communicates with the PDU (Power Distribution Unit)
- Web-based UI, Web Services, SNMP and DCMI support

*US Patent Pending



American Megatrends Inc. | www.ami.com
5555 Oakbrook Parkway, Suite 200
Norcross GA 30071 | t: 770.246.8600
Sales & Product Information
sales@ami.com | t: 800.828.9264
Technical Support
support@ami.com | t: 770.246.8645

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Power Management Like No Other

There are many devices and software applications available today that monitor power consumption to help data centers and IT managers build a smarter power plan. However, there are no other appliances or devices that offer true power management like the MegaRAC iPower. This appliance is so efficient in reducing power wastage that it will pay you to take the time to test a unit in one of your server racks.

This first-of-its-kind appliance offers unprecedented ease of use to manage the power within a server rack and provide detailed reports on power consumption. When saving power, data centers are essentially saving money while reducing their carbon footprint. The MegaRAC iPower appliance is the only device in the world that offers throttling to optimize power utilization of the servers within the rack.

Power Throttling, Usage Limits, Thresholds and Alerts

The flexibility and depth of management options in the MegaRAC iPower appliance for data centers is truly ground-breaking. The new MegaRAC iPower represents the first appliance available in the market to control power management for an entire rack of servers via the PDU (Power Delivery Unit). Administrators can set power usage limits and schedule thresholds and alerts for the entire rack. The Power Policy Manager in the MegaRAC iPower helps you to stay within your power budget – by optimizing the number of CPUs per rack in use at a given time.

How exactly does this work? The MegaRAC iPower uses SNMP for PDU management and IPMI/DCMI for server power management; this allows for multiple modes of interface, including web and serial.

Individual Server Power Policies and Management

MegaRAC iPower enables the creation of individual server power policy (on/off schedules) and individual server power state management, either via support of the latest power management technologies from Intel[®] and AMD or through a built-in iPower web-based agent. The appliance can manage and automate power up and power down sequences, setup outlet groups and power up delays and control outlet groups.

MegaRAC iPower features powerful reporting tools to give an active power usage summary in increments of days, weeks, months and years. It can also display power usage within a data range and provide useful, exportable graphical charts to display power usage. Additionally, the power budget calculator reviews power usage, calculates the total current cost of running the server/rack and will display the power savings.

MegaRAC iPower is scheduled to ship in the first half of 2010. For more information, contact an AMI Sales Representative.