

DPMC BAR: An Overview

Comprehensive Remote Monitoring and Reporting Ensures 100% Battery Uptime

Automated solutions to monitor battery health throughout data networks are essential in today's data center and enterprise environments. The manual vigilance required to ensure that battery systems are 100% reliable can be daunting and expensive, especially in instances of multiple sites. Additionally, one failure in a single battery string can have disastrous and costly consequences.

The "DPMC BAR" managed services offering supports thousands of critical backup battery systems via DPMC's unique Battery Automated Reporting (BAR) system. The BAR system is the foundation of DPMC's scalable monitoring programs and is unmatched for its integration of software and methodologies combined with skilled battery experts that deliver real-time, detailed views of the status of every battery and string at each site being monitored.

DPMC's BAR application capabilities:

- **Daily Monitoring:** Daily polling and trending analysis of every battery and string, including battery voltage and impedance, temperature, notification of power outages, and poll status (ability to be monitored)
- **Web browser or web-enabled mobile device access:** Detailed, real-time views, available via an easy-to-use web-based system with a dashboard feel and simplified stoplight metaphor (e.g. green, yellow, red) to identify developing trouble spots

- **Weekly In-depth Analysis:** Weekly reports from our Network Operation Center (NOC) summarizing battery health and performance including trends and trend acceleration that highlight batteries that need to be replaced.
- **Pre-emptive framework:** Trend reports allowing operators to plan for and keep track of individual battery maintenance and overall battery string replacement
- **Scalable monitoring programs:** Battery-to-battery or battery-to-string comparison
- **Analysis driven:** DPMC battery experts add context sensitive commentary to automated reports

Get the view you need

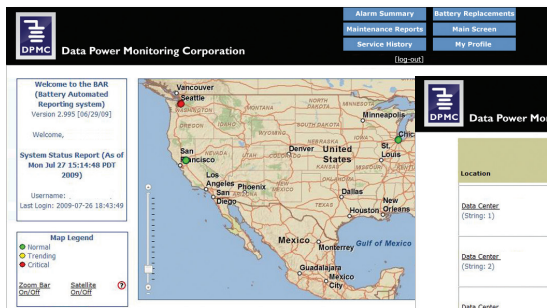
Whether it's a bird's-eye view of individual data centers using an easy-to-read legend indicating battery health or potential problems or a versatile "zoom in" to provide detailed analysis of every battery and string, the DPMC Bar system delivers. Users can access list or graphical views of data, providing mission-critical prognostics—before problems occur. In short, the DPMC BAR puts operators in control, without constant manual vigilance. DPMC does the work for you, putting your mind at ease by notifying you—in advance—of performance degradation, failure, or thermal increases.

DPMC Proven Reliability

DPMC's web-based battery monitoring system is the most comprehensive, innovative, and reliable solution on the market. In fact, in DPMC's 10 years of experience, we have never had a single unexpected client battery failure.

In short—DPMC sets the "bar" for 100% uptime—real-time, micro visibility into battery status, at an affordable price.

Call us at (866) ASK-DPMC (275-3762), or directly at (415) 462-8950 to find out more about what DPMC can do for you.



Get quick, comprehensive web-based views of all your battery systems using the DPMC BAR. Each location name represents a battery string. Drill down using an intuitive stoplight-coded system to identify problems before they occur.

Location	Battery Type	Battery Model	Status	Unit(s) Trending	Unit(s) Critical	Unit(s) Replaced	System Details
Data Center (String 1)	CELLWATCH	CBD UPS 12-370	Maintenance Required	Unit 28	-	-	Battery Status Temperature Power Outages Full Status
Data Center (String 2)	CELLWATCH	CBD UPS 12-370	Maintenance Required	Unit 23	-	-	Battery Status Temperature Power Outages Full Status
Data Center (String 3)	CELLWATCH	CBD UPS 12-370	Normal	-	-	-	Battery Status Temperature Power Outages Full Status
Data Center	BTECH	UPS12-370	Normal	-	-	-	Battery Status Temperature Power Outages Full Status

View detail on Battery Maintenance alerts by clicking on "Battery Status" to see statistical analysis or graphical representation of voltage and resistance units that are out of limits.



Battery trending data is available by graph which enables you to explore the measurement trends of individual batteries as well as groups of batteries on a particular battery string. Trending the measurement data captured from stationary battery monitors and portable Ohmic & voltage testers, further pre-empts battery failure by identifying system weaknesses.



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