

Wi-iQ™ BATTERY MONITORING DEVICE



PRODUCT FEATURES

AMP HOUR (AH) THROUGHPUT

Capture amp hours charged and discharged.

UNIVERSAL DC CABLE SIZING

Fit to all battery types with up to 4/0 cable sizes.

TEMPERATURE WARNING

Stay on top of high temperature risks.

VOLTAGE IMBALANCE NOTIFICATION

Be aware of cell issues before battery failure occurs.

DATA CAPTURING & RECORDING

Maintain up to 2,555 cycles of battery data per device.

WIRELESS DATA DOWNLOAD

Download data to PC within a range of up to 100 feet.

IN DEPTH DATA ANALYSIS

Generate easy to use battery operation and condition reports with optional software.

ELECTROLYTE MONITORING

Monitor electrolyte levels with optional probe.

GET THE MOST OUT OF YOUR BATTERIES

Battery charging and discharging practices directly impact your bottom line. Batteries must be charged and discharged correctly on a consistent basis for optimal performance. Improper charging and discharging can lead to reduced available battery capacity and more frequent battery replacements – which works against your productivity and profitability goals.

WIRELESS BATTERY MONITORING

The EnerSys® Wi-iQ™ battery monitoring device helps you power your fleet profitably. The Wi-iQ battery monitoring device combines our battery monitoring design expertise with the latest in wireless technology. The device monitors a range of battery operating data including amp hours (AH) charged/discharged, temperature, voltage, and electrolyte level (via an optional external sensor).

PROTECT YOUR BATTERIES

The performance data collected by the Wi-iQ battery monitoring device ensures that your batteries are charged and discharged properly for peak performance. The early warning signs of battery abuse provided by the Wi-iQ device allow you to take action to correct potentially harmful practices within your operation.

CUT BATTERY RELATED COSTS

Batteries operating at peak performance will increase your fleet uptime and reduce costs. How much can the Wi-iQ battery monitoring device save you? That depends on the size of your fleet and your operating demands. But by providing data for proper charges and discharges, the EnerSys Wi-iQ battery monitoring device will help keep battery run time at optimal levels. You will also reduce the need to change or replace batteries. The time and money saved can be spent on more profitable activities.

Wi-iQ™ REPORTING SUITE SOFTWARE

DATA COLLECTION

To capture the battery performance data, the Wi-iQ™ battery monitoring device is fitted to a battery's main DC cable. LEDs on the unit provide the real time status of your battery's condition. Operating data can be sent wirelessly to any PC for further analysis with the optional Wi-iQ Reporting Suite software.


DATA ANALYSIS

With the optional Wi-iQ Reporting Suite software, you can analyze a range of operating data to drive productivity and profitability. You can perform quick diagnostic checks on a single battery. Or you can upload data from a group of Wi-iQ battery monitoring devices to analyze a group of batteries to assess overall utilization.

DATA REPORTING

Pre-formatted exception, summary, and detailed reports provide you with critical information about the operation and condition of your batteries. Depth of discharge, cycles, charging, and other information is displayed in user defined categories such as battery groups, truck type, or department.

Wi-iQ LED display	
Tricolor LED	
Green blinking:	Hardware OK
Blue rapid blinking:	Wireless identification
Red blinking:	Temperature warning
Blue LED	
Rapid blinking:	Wireless identification
Slow blinking:	Voltage balance warning
Fixed:	Low electrolyte level



The extremely user-friendly Wi-iQ Reporting Suite software analyzes data uploaded from Wi-iQ battery monitoring devices via a USB antenna with wireless key into a SQL database on your PC. Wi-iQ Reporting Suite software runs on Windows® 2000, Windows XP or Windows Vista® operating systems.



BATTERY MONITORING DEVICE

About EnerSys®

Powered by more than 100 years of expertise, EnerSys® is the world's largest industrial battery manufacturer, operating 21 facilities worldwide. Along with manufacturing and distributing a wide range of reserve power and motive power batteries, chargers, power equipment, and battery accessories, EnerSys provides unmatched aftermarket and customer support to its customers in over 100 countries worldwide.

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