



Drive up your productivity!

**Wireless Battery
Monitoring Device
EnerSys Wi-IQ**





For better diagnostics and service.

EnerSys **wi-iq**[®]

Wireless Battery Monitoring Device Improving your productivity and increasing your profits!

EnerSys Wi-IQ has the ability to communicate wirelessly to download the battery key information for better diagnostics and service. The information can be transferred to the PC via USB by Wireless communication.

Keeping your electric materials handling equipment on the move is fundamental to maintaining your business operating efficiently. To do this you need to understand that batteries are being charged correctly and are being discharged to the optimum level. If you get both these elements correct you will reduce the number of battery recharges or battery changes on your trucks and maximise your up-time per machine. If you operate your business with battery changes and can reduce this by 20 % and an average change takes 5 minutes, on a 24/7 shift pattern, you could save over 11 hours in down-time per truck per year! Imagine this over a large fleet of trucks and the

improvements it could make to your productivity and profits.

Construction

Wi-IQ is the latest electronic battery monitoring device from EnerSys. It combines our vast experience in battery monitoring design with the very latest in wireless technology. The device is fitted to a main DC cable on the battery to monitor and record data of current, voltage, temperature and electrolyte level (via optional external sensor). The LEDs on the Wi-IQ provide real time status of your battery's condition.

Features & Benefits

- **Universal fitment to DC cables**
Can be fitted to all battery technologies
- **Temperature warning**
Advises customer to stop using battery as there is a risk of damage
- **Voltage imbalance**
Informs the customer of any battery

fault so he can seek help before a possible battery failure occurs.

- **Low electrolyte level (when probe option fitted)**

Advises the customer when to top-up the battery.

- **Data memory**

Can store up to 2,555 cycles.

- **Memory download & reset**

Battery analysis/diagnostics, Short-term rental-reset memory for new contracts.

- **Wireless capability**

Simple data download to PC, range up to 30 m.

Data recorded

The Wi-IQ records global data during the life of the battery. It will store data for 2,555 cycles (complete history stored by PC). The data can be analysed by the PC software program: State of charge, temperature warnings and low electrolyte level warnings.



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