



Wi-iQ®

BATTERY MONITORING DEVICE

- Protect assets and productivity
- Reduce unplanned downtime
- Cut Total Cost of Ownership (TCO)
- Optimize battery fleet operations

At the core of EnerSys® power management, the latest Wi-iQ® battery monitoring device features a slim design for easy installation on the battery harness and combines battery monitoring expertise with the latest in wireless communication. Featuring an LCD display, LED warning lights and integrated low voltage buzzer, the Wi-iQ device issues visual and audible alerts to the user on important operational parameters, including when to recharge the battery.

The Wi-iQ device communicates with remote sensors on the battery to capture and continuously share battery operating data via Bluetooth with all EnerSys battery operations management tools.

By providing a real-time window into the early warning signs of battery abuse, the Wi-iQ battery monitoring device allows operators to identify and correct developing issues before they lead to premature battery failures and costly unplanned downtime.

Part No.
WIIQ4
WIIQ4F
WIIQ4DUAL
WIIQ4DUALF



Wi-iQ®

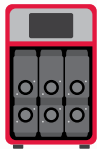
THE HEART OF POWER MANAGEMENT

The Wi-iQ® battery monitoring device delivers the first step in the transformation of data into actionable intelligence that supports higher reliability and longer battery life. Along with storing all battery operating data on the device itself, the Wi-iQ device wirelessly communicates with our Truck iQ™ smart battery dashboard, our E Connect mobile app, EnerSys® modular chargers and Xinx™ battery operations management system.

Wi-iQ device captures and monitors key battery operating data:

- Amp hours (AH) charged/discharged
- Temperature levels
- Voltage levels
- Electrolyte levels (via an optional external sensor)

Truck iQ dashboard and E Connect app only applicable with Wi-iQ3 or Wi-iQ4 device.



MODULAR CHARGING TECHNOLOGY



SMART BATTERY DASHBOARD



SMART DEVICE APPLICATION



BATTERY OPERATIONS MANAGEMENT SYSTEM



xinx

Transform data captured by the Wi-iQ device into actionable intelligence with Wi-iQ and Xinx reporting systems. Enable your battery operation to achieve and sustain your productivity and profitability goals.



Display Guide		
Display	Comment	
SOC 100%	State of Charge	
24.0V	VDC	---
+21°C	Temperature	⌋
50A	Current (amps)	
Bluetooth	Connection to smartphone	Ⓡ
LED	Flash	Lit
Red	>55°C ☀	>60°C ●
Orange	Warning DOD ☀	Alert DOD ●
Blue	V unbalance ⚖️ ☀	Low Electrolyte 🚰 ●
All	Flash for normal operation ☀ ☀ ☀	
Buzzer	Warning low SOC	Alert SOC
🔊	🔊 🔊 🔊 /20s	🔊 🔊 /5s

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