NexSys Wi-iQ4 Battery Monitoring Device User Guide

Contents

NexSys Wi-iQ4 Battery Monitoring Device

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

Part No.	Battery	Current Sensor
6LA20743-EOE	Flooded	SINGLE
6LA20743-E3E	Gel, TPPL	SINGLE
6LA20743-E1E*	All-With CAN	SINGLE
6LA20743-E2E*	All-With CAN	DUAL

- Must install option Electrolyte probe for flooded

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 a LED display screen and integrated alarms, the Wi-iQ device issues visible and audible alerts when it’s time to charge 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.

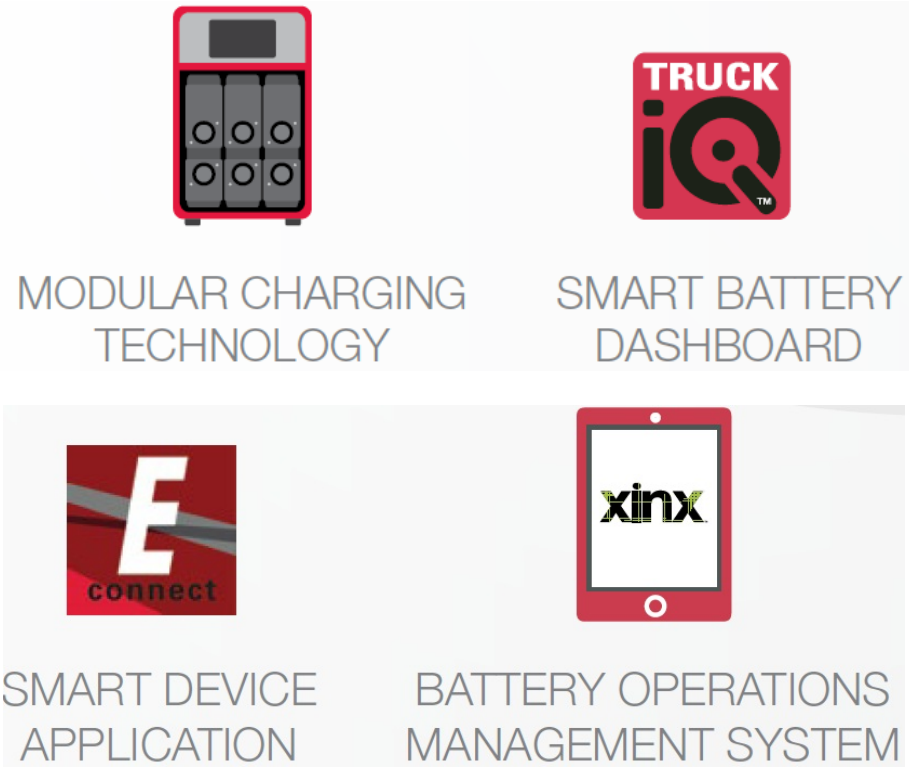
THE HEART OF POWER MANAGEMENT

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.



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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Documents / Resources

	NexSys Wi-iQ4 Battery Monitoring Device [pdf] User Guide Wi-iQ4 Battery Monitoring Device, Wi-iQ4, Battery Monitoring Device, Monitoring Device

References

- User Manual

Manuals+, Privacy Policy

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