



Apps Connect E Connect Mobile App User Guide

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Apps

User Guide



Power Management

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Connect E Connect Mobile App



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



E Connect™ MOBILE APP

Available free for Android™ and iOS operating systems, the E Connect™ mobile app allows users to see and share a range of battery and charger data captured with the Wi-iO' battery monitoring device on smartphones or tablet devices.

On-site, E Connect™ communicates via Bluetooth with nearby Wi-iQ' battery monitoring devices or EnerSys chargers then displays that operating data on a mobile device. Online, E Connect™ can upload that operating data via the cloud to share with other users or use with Wi-iO' battery monitoring device Reporting software for an assessment of total battery operation.





By providing a real-time view of a facility's battery and charger fleet, the E Connect™ app can help operations managers protect their assets and promote best battery maintenance practices to drive productivity and profitability.

ACCESS TO ACTIONABLE INTELLIGENCE



Across the plant or across the planet, the E Connect™ mobile app gives operators a convenient way to transform battery and charging data into actionable intelligence. By wirelessly communicating with the Wi-iO' battery monitoring device and EnerSys chargers, E Connect™ plays a key role in a power management system that supports higher reliability and longer battery life.

Only applicable to Wii 3 or Wi-i 4 device.

	BATTERY MONITORING DEVICE
	MODULAR CHARGING TECHNOLOGY
	SMART BATTERY DASHBOARD
	BATTERY OPERATIONS MANAGEMENT SYSTEM

FLEXIBLE FUNCTIONALITY

With the E Connect™ mobile app, users can monitor a single battery or charger or a facility's entire fleet. Along with monitoring operating data from individual Wi-iO battery monitoring devices, E Connect™ can also extract data from individual BLE sensors on the battery. All data is stored and accessible via the cloud and can be shared with other E Connect™ users to generate reports. E Connect™ even allows users to configure batteries and chargers.

E Connect™ displays key battery operating data:

- Amp hours (AH) charged/discharged
- Temperature levels

- Voltage levels
- Electrolyte levels (via an optional external sensor)



The E Connect™ app can also be used in conjunction with Wi-iQ® battery monitoring device Report software for full analysis and reporting of total battery operation.

Wi-iQ[®] Report

BATTERY OPERATIONS MANAGEMENT REPORT

Customer Name: XYZ Customer
Location: Somewhere, USA

Report Period: 10/1/19 - 10/1/20
Report Type: JOC
Report Frequency: Quarterly

Report Generated by:
Mark Sales - C. National Americas
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BENCHMARK: STATUS OF ISSUES REPORTED 01/03/20 (LAST REPORT)

Find Number	Issue	Source	Score	Impacted	Recommended Action	Reason for Inaction
1000AA post	Over-discharging		X		Recommend operator training	
1000AA post	Mixed Equalizations		X		Recommend operator training	

CURRENT ISSUES AND ACTION PLANS:

Priority: High

Current Issue	Analysis Cause	Expectations	Customer Action	Energy Action
High-batch temperature (check truck temp)	Current report of the temperature. Temperature is high while the cell temperature is high. The temperature is high in the cell.	If the data is not reliable, expect to report to the battery in the highest temperature range (e.g., 100°C, 120°C, and 140°C) when the temperature is high in the cell.	A high-batch temperature is higher temperature in the battery cell and is higher temperature in the battery cell.	Check to see if the battery is in the highest temperature range (e.g., 100°C, 120°C, and 140°C) when the temperature is high in the cell.
Critical low water level (check tank level)	The battery level is low. The battery level is low. The battery level is low. The battery level is low.	This is for the highest level in the battery level. The battery level is low. The battery level is low. The battery level is low.	A high-batch temperature is higher temperature in the battery cell and is higher temperature in the battery cell.	Check to see if the battery is in the highest temperature range (e.g., 100°C, 120°C, and 140°C) when the temperature is high in the cell.
Over-discharging (check tank level)	The battery level is low. The battery level is low. The battery level is low. The battery level is low.	This is for the highest level in the battery level. The battery level is low. The battery level is low. The battery level is low.	A high-batch temperature is higher temperature in the battery cell and is higher temperature in the battery cell.	Check to see if the battery is in the highest temperature range (e.g., 100°C, 120°C, and 140°C) when the temperature is high in the cell.

Priority: Moderate

Current Issue	Analysis Cause	Expectations	Customer Action	Energy Action
Low-batch temperature (check tank temp)	Current report of the temperature. Temperature is low while the cell temperature is low. The temperature is low in the cell.	If the data is not reliable, expect to report to the battery in the lowest temperature range (e.g., 10°C, 20°C, and 30°C) when the temperature is low in the cell.	A low-batch temperature is lower temperature in the battery cell and is lower temperature in the battery cell.	Check to see if the battery is in the lowest temperature range (e.g., 10°C, 20°C, and 30°C) when the temperature is low in the cell.
High-batch water level (check tank level)	The battery level is high. The battery level is high. The battery level is high. The battery level is high.	This is for the highest level in the battery level. The battery level is high. The battery level is high. The battery level is high.	A high-batch temperature is higher temperature in the battery cell and is higher temperature in the battery cell.	Check to see if the battery is in the highest temperature range (e.g., 100°C, 120°C, and 140°C) when the temperature is high in the cell.

Enersys
BATTERY OPERATIONS MANAGEMENT REPORT

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Documents / Resources



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References

- [EnerSys](#)
- [User Manual](#)

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