

# Battery Monitoring



## 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-iQ® 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-iQ® 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.



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

# 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-iQ® 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 Wi-iQ 3 or Wi-iQ 4 device.*



BATTERY MONITORING DEVICE



MODULAR CHARGING TECHNOLOGY



SMART BATTERY DASHBOARD



BATTERY MONITORING 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-iQ® 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			
Device Name	Report Period	Report Generated By	Report Generated On
Device Name 123	Report Period: 12/01/2023 - 12/31/2023	Report Generated By: User Name	Report Generated On: 12/31/2023 10:00 AM
BENCHMARK: STATUS OF ISSUES REPORTED 01/03/2024 (LAST REPORT)			
Issue Type	Count	Percentage	Resolution Status
Temperature High	15	30%	Resolved
Voltage Low	10	20%	Open
Electrolyte Low	5	10%	Resolved
Charging Error	3	6%	Open
Other	7	14%	Resolved
CURRENT ISSUES AND ACTION PLANS:			
Priority	Issue Description	Current Action	Target Action
High	Temperature High - Battery 123	Investigate cause	Replace battery
Medium	Voltage Low - Battery 456	Check electrolyte levels	Recharge battery
Low	Charging Error - Battery 789	Restart charging process	Monitor battery