IQ MINI™
BATTERY MONITORING DEVICE

Capture real-time performance data from your battery, turn it into actionable intelligence and keep your equipment running longer.

Your batteries may be the most overlooked and under-managed assets in your organization. They are key to keeping your operation running smoothly but can quickly bring things to a halt if there's an issue.

The iQ Mini™ battery monitoring device uses the latest IoT technologies to turn each and every one of your batteries into a smart battery. Utilizing real-time battery usage data can improve performance, prevent expensive repairs, or even eliminate premature battery replacement

The iQ Mini™ battery monitoring device constantly monitors the state of each battery, helping you to keep the industrial machine that the battery powers, running for longer. Using the data it records can identify issues that can reduce life and performance. By using this data to solve issues, batteries will perform better for longer, saving you money over the life of the battery.

- Protect your assets through clear indicators on the device that show when a battery needs attention.

- Reduce unplanned downtime by using real-time data to identify any potential issues with your battery or operation.

- Reduce total cost of ownership by ensuring your batteries are performing optimally.

- Gain a top-down view of your entire battery fleet, allowing you to optimize your assets and distribute them where they're needed most.
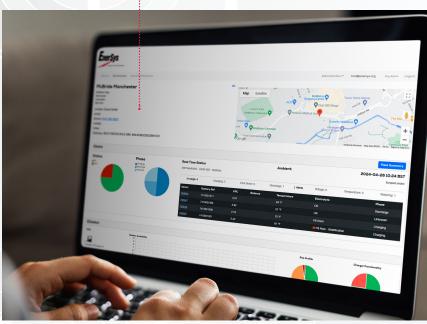
EnerSys
Power/Full Solutions

MINIMUM SIZE.
MAXIMUM PERFORMANCE.

The iQ Mini™ battery monitoring device may be small, but it delivers big insights, with battery fleet data instantaneously uploaded and accessible via an online portal.

With our monitoring system that includes battery-mounted iQ Mini™ battery monitoring devices and iQ Gateway™ battery data transmitters, you can instantly access key performance metrics from your computer or mobile device at any time.

Data reporting from the portal provides insights that enable you to quickly address critical issues, take corrective actions and improve overall fleet efficiency – maximizing operational performance and extending the life of your batteries.

USING DATA TO PROTECT YOUR BATTERIES AGAINST KEY FACTORS AFFECTING BATTERY PERFORMANCE

Abuse
If a battery is subject to misuse, abuse cycles are calculated to approximate the life lost due to abuse. Recording this allows you to alter systems and behaviours to help stop any long term damage from happening.

This helps to prolong the overall life and performance of the battery.

Alerts
Over-temperature, low electrolyte[1] and over-discharge, on any type of battery can be catastrophic to any type of battery.

To prevent this, alerts not only show on the unit, they are recorded and uploaded so you can schedule any correct action that needs to be taken quickly.

Overall Usage
The iQ Mini™ battery monitoring device records work, rest, charge time and cool-down time.

Seeing how each battery is being used means you can address any potential over & under usage by distributing assets evenly, allowing you to maximize performance across your entire fleet.

The IQ Mini™ Battery Monitoring Device works on TPPL, Flooded and VRLA batteries.

PART NUMBER	BATTERY TYPE
IQ-MINI-300Q	TPPL
IQ-MINI-300B8	TPPL
IQ-MINI-310Q	FLOODED
IQ-MINI-310S	FLOODED
IQ-MINI-301Q	VRLA

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