

ENERSYS[®] POWER MANAGEMENT

REACH OUT TO HIGHER EFFICIENCY



**SYSTEM SERVICE
& ACCESSORIES**

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BREAKTHROUGH PERFORMANCE WITH ENERSYS® POWER MANAGEMENT

EnerSys® has applied its 125 years' experience as the global battery manufacturer to design a power management solution for material handling vehicles. Its combination of innovative batteries and chargers, IoT-based sensors and cloud software can take your material handling operations to the next level.

Power is the main pillar of this system as we target to always ensure reliable and efficient power.

BATTERIES AND CHARGING TECHNOLOGIES

For more than 100 years EnerSys batteries have been providing cost effective power for motive applications. Today our battery ranges as used across forklift applications assuring the best solution for your needs, ranging from traditional flooded lead acid to advanced TPPL (Thin Plate Pure Lead), and the recent introduction of lithium ion technologies.

We also help to ensure optimum energy management with the most advanced charging solutions and an unmatched range of services to maximize operational efficiency.

SERVICE PACK – WE ARE WITH YOU, ANYWHERE, ANYTIME

EnerSys service is available in more than 100 countries all over the world. Our service packs can be tailored to your needs. EnerSys local and manned service can provide you increasing reporting and on-site maintenance to meet your fleet and operations requirements. We provide full coverage and we offer Preventive maintenance package. Ask your local EnerSys contact for more information.

OUR POWER MANAGEMENT SYSTEM INCLUDES:



Wi-iQ® – WIRELESS KNOWLEDGE

Wi-iQ® is a battery monitoring device that combines our design expertise with the latest in wireless technology.

It is the core of the power management system for its wireless connectivity with the ENS Connect mobile app, Xinx™ cloud-based battery operations management system and Life iQ™ modular chargers, while the optional CAN-BUS module can provide signals to the forklift CAN network.

It communicates via Bluetooth to remote battery sensors providing a continuous wireless data stream and it stores all information and history of the battery it is mounted on.



SMART BATTERY DASHBOARD

Truck iQ™ smart battery dashboard, is a forklift truck-mounted display module, which provides drivers real-time visibility of their truck's battery status to avoid premature failure of material handling assets.

Information delivered to Truck iQ smart battery dashboard, includes real time State of Charge (SoC), alarms and alerts for a battery: temperature, electrolyte level, low SoC and cell unbalance.

Truck iQ smart battery dashboard, connects easily and seamlessly to any battery (with Wi-iQ) mounted on the truck; no need of further manual set up.



MOBILE APP ENS CONNECT – POWER MANAGEMENT AT YOUR FINGERTIPS

Our ENS Connect mobile app is available both on Android and iOS operative systems. It shows data from Wi-iQ® battery monitoring device via Bluetooth directly on your smartphone. The app allows an updated check and monitor of all batteries and sites in different locations.

It is a great tool for site and logistic managers to have always their battery fleet under control ensuring compliance and asset protection.



XINX™ – BATTERY ANALYTICS IN THE CLOUD

Xinx™ is our intelligent and user-friendly cloud-based battery operations management system. The Xinx System reads each Wi-iQ® battery monitoring device and transmits all data to a cloud server.

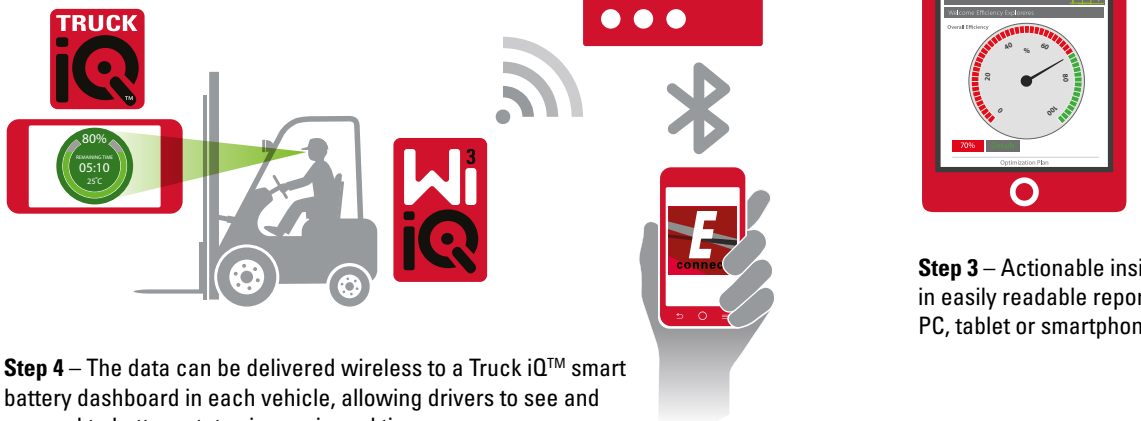
An advanced EnerSys designed algorithm enables additional analysis, through the Xinx portal, which highlights underperforming or damaged batteries.

Improvements, warnings and analytics are easy to implement while data can be used to provide forecasts and build budgets.

HOW DOES A POWER MANAGEMENT SYSTEM WORK?

Step 2 – The data is automatically collected and analysed by the cloud-based Xinx™ battery operations management system.

Step 1 – Wi-iQ® battery monitoring devices collect usage and charging data from vehicle battery sensors.



Step 4 – The data can be delivered wireless to a Truck iQ™ smart battery dashboard in each vehicle, allowing drivers to see and respond to battery status issues in real time.

Step 3 – Actionable insights are provided in easily readable reports, accessed via PC, tablet or smartphone devices.

BENEFITS

HIGH PERFORMING ASSETS

Your battery performance directly affects your daily productivity. Ensure maximum benefit from your investments using the actionable intelligence only EnerSys® provides.

IMPROVED OPERATOR COMPLIANCE

Well-trained and managed operators help to keep costs low and productivity high. Our power management system shows you precisely how to manage your fleet while providing the tools you need to ensure compliance.

STREAMLINED MAINTENANCE PROCESSES

Proper maintenance and equalizing directly affects battery performance and longevity. Let EnerSys power management tools help you to drive best practices and protect your assets.

BETTER DECISION MAKING

The best decisions should be based on solid evidence and thorough analysis. Qualify and quantify your budget and investment decisions based on your actual needs.

SERVICE SUPPORT ANYWHERE

EnerSys with over 10,000 customers in more than 100 countries can offer you a wide service network, globally. Wherever you are located or your operations are, we are with you. Thanks to the additional service packs, you can face any challenge, from remote preventive support to on-site regular maintenance and hotline service.

WHEREVER YOU DO BUSINESS, ENERSYS® CAN SUPPORT YOU WITH MOTIVE POWER ENERGY.

ABOUT ENERSYS®

EnerSys, the global leader in stored energy solutions for industrial applications, manufactures and distributes reserve power and motive power batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide.

Motive power batteries and chargers are utilized in electric forklift trucks and other commercial electric powered vehicles.

Reserve power batteries are used in the telecommunication and utility industries, uninterruptible power supplies, and numerous applications requiring stored energy solutions including medical, aerospace and defence systems.

Outdoor equipment enclosure products are utilized in the telecommunication, cable, utility, transportation industries and by government and defence customers.

The company also provides aftermarket and customer support services to its customers from over 100 countries through its sales and manufacturing locations around the world.



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