

**SYSTEM
SERVICE
& ACCESSORIES**

Xinx™

**PREDICTABLE
SUSTAINABLE
PROFITABLE**



EnerSys®
Power/Full Solutions

SYSTEM SERVICE & ACCESSORIES



WHAT IS XINX™ AND WHAT IT CAN DO.

**EnerSys® is a pioneering company
focused on continuous improvement.**

Our aim is to generate constant innovation, merging the latest technology with a solid know how established over decades of leadership in the battery industry.

Our commitment is dedicated to paving the way for a smart future in the energy business and to leading customers towards a next level of efficiency.

Within this vision EnerSys has designed and developed an intelligent and friendly cloud based system: Xinx!

The Xinx System reads each Wi-iQ® monitoring device and transmits all data to a cloud server. An advanced EnerSys designed algorithm will process and analyse the information to provide reports on pool usage and actions for improvement.

Energy savings, optimized battery change, service on demand and sustainable zero battery change operations are fundamental pillars of battery management in modern industry.

Xinx will make all this smart and simple by reducing losses and supporting productivity.

4 STEP METHODOLOGY

Xinx™ is a comprehensive program that offers far more than data. A powerful 4 steps process helps to gain measurable results using actionable intelligence.

STEP 1 – MONITORING

Battery data are collected by a local monitoring installation consisting of a Wi-iQ® monitoring device, a Xinx gateway and a cell modem. The system will monitor temperature, water level, discharge current, charge current, cell voltage balance and state of charge data. Data are transferred to the cloud based Xinx Efficiency Management Portal which provides 24/7 access to online reporting.

STEP 2 – ENGAGE

Xinx enables additional expert analysis, through the Xinx portal or by using the powerful Wi-iQ report suite. It's not just about monitoring, but analysing current operations so to identify root cause and actions for optimisation.

STEP 3 – IMPROVE

Improvements, warnings and analytics are easy to implement due to Xinx report capabilities. User adaptability and Internet of Things have inspired our Xinx portal features.

STEP 4 – FORECAST

Data can be used to provide forecasts and build budgets regarding future investments.

The portals budget tab will highlight underperforming batteries and batteries requiring test or repair.



RESULTS

Xinx™ drives results in 4 key areas.

IMPROVE OPERATOR COMPLIANCE

Well-trained and managed operators help keep costs low and productivity high. Xinx helps to manage the processes of:

- battery change operations;
- fast, opportunity and equalisation charge.

HIGHER PERFORMING ASSET

Ensure maximum benefit from your investment through:

- addressing poor battery and charger performance;
- fixing process;
- replacing and repairing failures by mobilizing service faster.

STREAMLINED MAINTENANCE

Proper watering and equalizing directly impact battery run time and longevity. Let your EnerSys analyst help you drive best practices with targeted optimization plans.

BETTER DECISIONS MAKING

The best decisions are based on solid evidence:

- short and long-term budgeting;
- proper sizing of battery fleet;
- new technology ROI.

XINX™ SYSTEM FUNCTIONS



+ **xinx** provide clouding features to our batteries

Data collection via Wi-iQ® installed on the battery, amplifier and gateway box



Reports and Analysis



Data sent to Xinx Efficiency Management Portal, cloud stored



XINX™ SERVICE PACK

Xinx comes together with different Service packs, depending on your needs. Xinx Service links the cloud-based system to our EnerSys® local and manned service to give you the most customized optimization. Silver, Gold and Platinum service packs are coming with increasing reporting and on-site service to meet your fleet requirements. Ask your local EnerSys contact for more information.

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



EnerSys EMEA
EH Europe GmbH
Baarerstrasse 18
6300 Zug
Switzerland

Energys Ltd
Oak Court
Clifton Business Park
Wynne Avenue
Swinton
Manchester M27 8FF
Tel. 0161 794 4611
Fax 0161 727 3809

Please refer to the website address for details of your nearest EnerSys office: www.energysys.com
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