

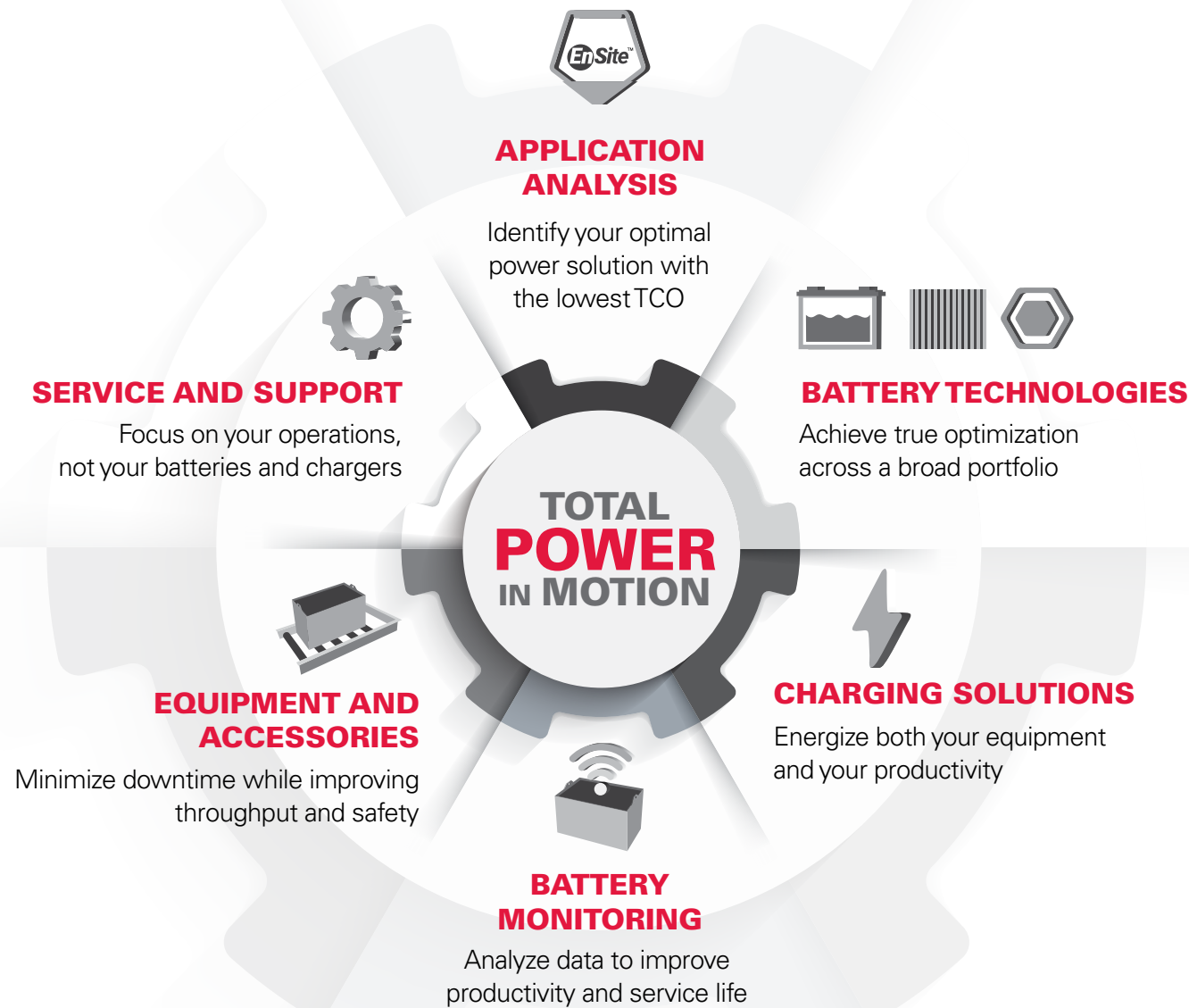
TOTAL  
**POWER**  
IN MOTION

SOLUTIONS TO  
**EMPOWER**  
YOU IN A CHANGING WORLD

**EnerSys**<sup>®</sup>  
*Power/Full Solutions*

# YOUR EMPOWERMENT STARTS HERE

Rising throughput requirements. A strained workforce. Spiraling operating costs. These are just a few of the challenges faced in a changing world. EnerSys® can put **Total Power in Motion** to help address your operational challenges with a turnkey power approach that includes data analytics, a broad array of battery technologies and much more, all backed by an extensive service network. With EnerSys®, you don't need to be a power expert to handle change, because you're partnered with one.



## APPLICATION ANALYSIS

Expanding technologies and operating inputs can overload traditional evaluation methods for equipment power. With EnerSys®, you can make confident, data-driven decisions about equipment power solutions for your fleet that factor-in technical and operational requirements.



We work with you to collect data about your application: shift and operating profiles, breaks and charging opportunities, equipment energy usage, potential changes in throughput levels and more. Then we enter your data into our EnSite™ modeling software to find a solution that meets your operational requirements while helping lower operational costs.

- Tailors solutions to meet application demands
- Compares battery and charger combinations
- Predicts overall application performance
- Estimates greenhouse gas reductions on combustion-to-electric conversions
- Forecasts ownership cost savings and overall ROI





## BATTERY TECHNOLOGIES

From traditional lead acid to advanced, virtually maintenance-free Thin Plate Pure Lead (TPPL) and Lithium-ion (Li-ion) technologies, EnerSys® battery solutions fulfill the widest range of application requirements.



### NexSys<sup>®</sup> iON

NexSys<sup>®</sup> iON battery solutions feature the material handling industry's most advanced Li-ion technology. Built to the highest safety, design and manufacturing standards, NexSys<sup>®</sup> iON batteries are ideal for heavy-duty operations and stringent applications.



### NexSys<sup>®</sup> TPPL

NexSys<sup>®</sup> TPPL battery solutions provide virtually maintenance-free power for thousands of applications worldwide. Optimized for fast- and opportunity-charging, NexSys<sup>®</sup> TPPL batteries are ideal for light- to medium-duty applications, while an optional Accelerated Throughput Package is available for certain higher-volume applications.



### Express<sup>®</sup>

Optimized for fast charging, Express<sup>®</sup> batteries feature square tube technology for industry-leading amp-hour capacities. With Express<sup>®</sup> batteries, equipment can work longer into a shift than standard fast-charge batteries.



### IRONCLAD<sup>®</sup>

The square tube technology in IRONCLAD<sup>®</sup> batteries has up to 84% more positive-plate surface area versus conventional round tube and flat plate batteries. More plate surface area means more power to help lift trucks work harder and longer into their shift.



## CHARGING SOLUTIONS

EnerSys<sup>®</sup> charging solutions are sized and tuned to your batteries and operation to maximize energy replenishment and Total Cost of Ownership (TCO) savings.

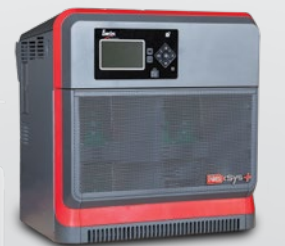
### NexSys<sup>®</sup> AIR

NexSys<sup>®</sup> AIR wireless chargers deliver the convenience of hands-free charging across a wide range of equipment applications. Able to charge multiple battery technologies, NexSys<sup>®</sup> AIR wireless chargers can help boost safety, reliability and productivity.



### NexSys<sup>®</sup> +

Ideal for mixed fleet battery management, NexSys<sup>®</sup>+ chargers include charge profiles for multiple battery types and sizes. All NexSys<sup>®</sup>+ chargers are compatible with Wi-iQ<sup>®</sup> battery monitoring devices - communicating critical battery information to optimize charging performance.



### Express<sup>®</sup>

Designed exclusively for Express<sup>®</sup> batteries, Express<sup>®</sup> chargers quickly and safely fast-charge batteries anytime. They can also adapt to a wide range of battery capacities, potentially reducing the number of chargers in a fleet.



### IMPAQ<sup>™</sup>

Offering value and performance in high frequency charging, IMPAQ<sup>™</sup> chargers feature a standard flooded lead acid charging profile, as well as charge profiles for select NexSys<sup>®</sup> TPPL batteries.





## BATTERY MONITORING

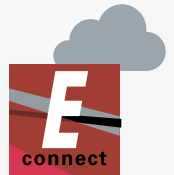
EnerSys® battery monitoring transforms your data into actionable intelligence to help extend service life, reduce operating costs and size your fleet properly for overall operational improvement.



Installed directly on the harness, Wi-iQ® battery monitoring devices communicate with remote sensors on the battery to capture and wirelessly share battery operating data with EnerSys® monitoring tools and select chargers.



The Truck iQ™ smart battery dashboard is an equipment-mounted display that reads data via Bluetooth from the Wi-iQ® device, providing drivers a live view of key battery operating conditions.



Available free for Android™ and iOS® operating systems, the E Connect™ mobile app enables users to see and share a range of real time battery and charger operating data on mobile and tablet devices.



The Xinx™ Battery Operations Management System can help make your battery solution more productive and profitable — by improving asset performance, maintenance processes, operator compliance and more informed decision making.

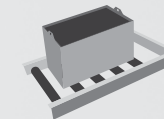
The Xinx™ Battery Operations Management System manages operations daily, weekly or monthly. Productivity and cost optimization reporting is available 24/7 on the cloud-based Xinx™ Efficiency Management Portal.



## SERVICE & SUPPORT

Stop worrying about batteries and focus on your operations to drive productivity. The EnerSys® team of service technicians and partners will help you get the most from your battery systems, from installation and certification to diagnostics, maintenance, repair and monitoring.

- 24/7 coverage from 75+ locations and 550+ authorized technicians
- Comprehensive maintenance reporting and monitoring plans
- Service and support agreements tailored to your requirements
- Cloud-based monitoring and real-time scheduling
- Dedicated recycling programs that comply with environmental requirements



## EQUIPMENT & ACCESSORIES

### PROSERIES®

Reduce the risk of injury, minimize loss of operator time and the inconvenience of battery changes with EnerSys® equipment and accessories.

- Stackers, chargers and wash racks
- Eye wash stations
- Battery handling and watering products
- Battery stands and tools
- Spill kits, cleaners and neutralizers
- And much more!



The EnerSys® Battery Recycling program accepts lead acid batteries of all sizes, from all manufacturers. We make compliance easy – instead of worrying about complicated state and federal regulations, you can focus on running your business.

Visit us at [www.enersys.com](http://www.enersys.com)



**EnerSys World Headquarters**  
2366 Bernville Road  
Reading, PA 19605, USA  
Tel: +1-610-208-1991 /  
+1-800-538-3627

**EnerSys EMEA**  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug, Switzerland

**EnerSys Asia**  
152 Beach Road  
#11-08 Gateway East Building  
Singapore 189721  
Tel: +65 6416 4800