

FLOODED LEAD ACID SOLUTIONS

IRONCLAD

These batteries are built for heavy-duty applications and can be opportunity charged to optimize vehicle fleet efficiency which is unparalleled in the industry.

MORE POWER — LONGER RUNTIME

ENHANCED FLOODED TECHNOLOGY

IRONCLAD® batteries maintain higher average voltages in forklift applications than conventional batteries. Higher voltages can result in faster drive and lift speeds. Plus, IRONCLAD® batteries have the highest ampere-hour capacity ratings.

IRONCLAD® batteries outperform other conventional batteries with up to 15% more power, particularly at the higher discharge rates demanded by the latest MHE equipment. It is also possible to extract up to 120%* of the battery capacity per day by means of fast-opportunity charging.



MAXIMUM RUN TIME

IRONCLAD® batteries have the ability to sustain higher voltages, combined with industry leading capacity ratings which will extend the run time by up to 10% when compared to other conventional lead-acid battery design. Your material handling equipment will run for longer on each charge, therefore, maximizing your productivity.



Boost productivity. More surface area, means more power.



Integrated plug-and-play power systems with compatible components from one trusted supplier.



System power and performance with ownership costs verified before purchase and a warranty you can count on.





LOWER OPERATING COSTS



IRONCLAD

MORE POWER — LONGER RUN-TIME

IMPROVE PRODUCTIVITY AND REDUCE OPERATING COSTS

IRONCLAD® batteries not only boost productivity, but also help to cut costs. IRONCLAD® batteries can help decrease expensive truck maintenance because the higher sustained voltage and lower amp draw reduces heat and strain on the truck's electrical components. This means your fleet not only performs better during the shift, but also runs longer before battery change is required.

Fewer battery changes mean more productive time for your equipment. The savings soon add up through fewer spare batteries, fewer chargers and fewer charging racks required to run your operation.



IDEAL APPLICATIONS

- Operations running 1-2 shifts per day, up to 7 days per week- Heavy-duty applications
- Facilities trying to minimise battery changing and spare batteries
- Equipment with attachments, high tonnage trucks, working in heavy-duty applications
- Industries: Construction, Manufacturing, Ports & Terminals

EVEN MORE APPLICATIONS

IRONCLAD® batteries are suitable for use in the following material handling applications:

- Counterbalance trucks
- Reach trucks
- Pallet trucks
- Order pickers
- AGV/LGV



AVAILABLE OPTIONS



ACTIONABLE INTELLIGENCE & CONNECTIVITY

A further option for IRONCLAD® batteries is the Wi-iQ® battery monitoring device range, which precisely manages the state of charge and operating conditions of the battery as well as storing complete data of the battery's service life and provides fleet management reporting.

The Wi-iQ° battery monitoring device communicates with NexSys°+ Chargers, enabling battery temperature control, making it possible to work in colder environments.



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



Life Network



BATTERY MONITORING

EnerSys® offers solutions that make managing your battery fleet straight forward and affordable. BSI40™, EZ Select™ and LifeNetwork™ are the spearheads of battery fleet management, enabling charging room management and communication with state of charge monitoring. Totally customizable to your needs, these solutions will make your energy and facility management easy and efficient.







OPTIMIZE YOUR POWER SOLUTION WITH THE LOWEST TCO

Before EnSite[™] modeling software, finding the most efficient power solution for your material handling equipment meant relying on hand calculations and guesswork. But with EnSite[™] modeling software, we use your application data to determine which battery and charger combination will be optimal for your operation's needs and goals.

We work with you to collect a range of data about your application. Then we use your data in our EnSite™ modeling software to find a solution that meets your requirements for the lowest TCO for your operation.



ABOUT ENERSYS®

OUR SOLUTIONS PUT TOTAL POWER IN MOTION FOR YOUR BUSINESS



Enersys[®] is the global leader in stored energy solutions for industrial applications and designs, manufactures, and distributes energy systems solutions and motive power batteries, specialty batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide.

Enersys® Motive Power solutions form a complete, turnkey power system to make your operations more productive and profitable. Motive Power batteries and chargers are utilized in electric forklift trucks and other industrial electric powered vehicles requiring stored energy solutions.

Enersys° also provides aftermarket and customer support services to its customers in over 100 countries through its sales and manufacturing locations around the world.

Wherever you are in the Asia-Pacific region, EnerSys® is within reach and ready to support your fleet with 40+ Service locations.

- 24/7 coverage* from 200+ authorized service technicians
- Tailored service contracts to your requirements
- Proactive cloud-based* monitoring and real-time service scheduling
- Comprehensive maintenance reporting and monitoring plans







Our battery support services range from system design, installation and certification to testing, maintenance and repair.



Our comprehensive recycling support program accepts lead acid batteries of all sizes, from all manufacturers.



Our advanced tools and technologies deliver actionable intelligence to optimize battery maintenance and operation.



EnerSys World Headquarters 2366 Bernville Road Reading, PA 19605, USA

www.enersys.com

EnerSys EMEA EH EuropeGmbH Baarerstrasse 18 6300 Zug, Switzerland EnerSys Asia 152 Beach Road Gateway East Building #11-08 Singapore 189721

© 2024 EnerSys. All rights reserved. Trademarks and logos are the property of EnerSys and its affiliates except Android and iOS which are not the property of EnerSys. Subject to revisions without prior notice. E.&O.E. APAC-EN-PG-IC-0324