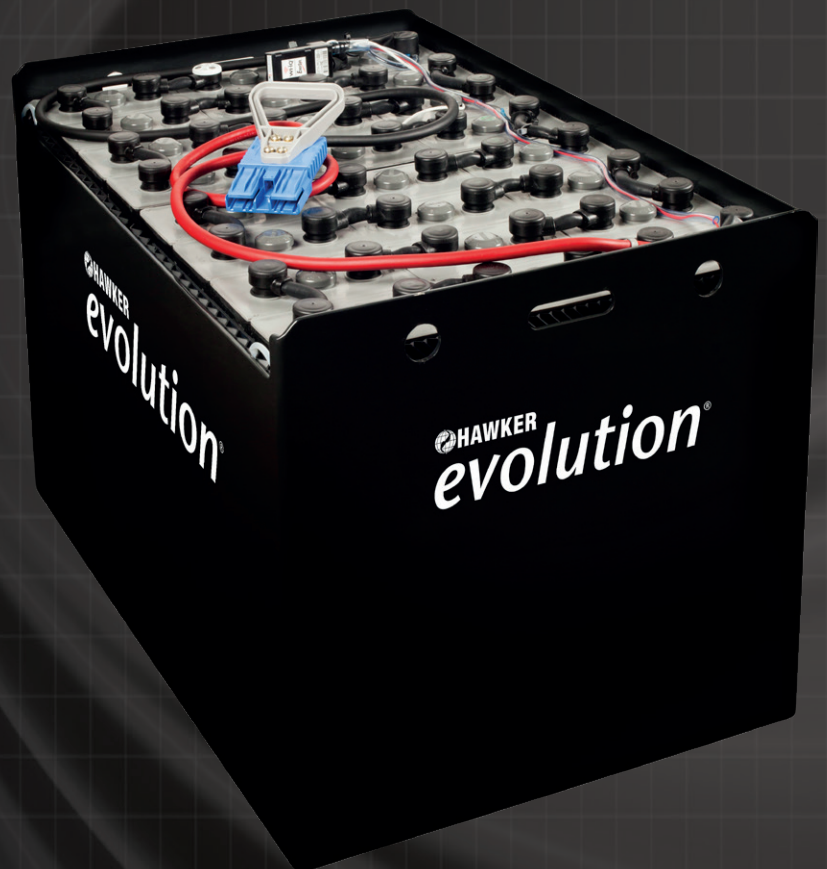


 **HAWKER**  
*evolution*<sup>®</sup>

**BATTERY**  
**TECHNOLOGIES**





## **HAWKER** *evolution*<sup>®</sup>

EnerSys<sup>®</sup> is focused on rapid innovation and our whole team is driven by the desire to build the best energy solutions, working closely with our customers and suppliers to identify development opportunities.

**SUPERIOR. EFFICIENT.  
RELIABLE**



## **THE POWER OF GEL TECHNOLOGY**

Evolution<sup>®</sup> is a valve regulated gas recombination battery with gelled electrolyte. This range is suitable for use in materials handling equipment in light and low duty applications and perfect for operations running 1-2 shifts per day.

The Evolution<sup>®</sup> battery range is available in DIN and BS dimensions. It meets the dimensions of the standards DIN/EN 60254-2 and IEC 60254-2.

## **MAINTENANCE-FREE POWER**

The Evolution<sup>®</sup> battery is a sealed, maintenance-free product which means water topping up is not required, giving you the power to achieve both your delivery and sustainability targets.

Built for tough industrial applications, the tubular plate technology and specialised lead alloy composition provide exceptional durability, deep-cycle capability, and reliable performance in temperatures from -10°C to +40°C. Advanced safety features, including an internal recombination valve to regulate pressure and prevent overheating, ensure long-lasting, trouble-free operations.

The unique design, featuring internal oxygen circulation and a specialised charging regime, results in exceptionally low gas emissions. This allows for decentralized charging of the truck or equipped machine, enabling the use of a simplified charging area - ultimately reducing both investment and operational costs.



Ideal for use in sensitive environments.



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.



## KEY BENEFITS

- **Maintenance free:** No water topping means a reduction in labour costs.
- **Productivity:** Recharge in just 8 hours\* and experience energy cost savings of up to 30%.\*\*
- **Low Risk:** No risk of spills using gelled electrolyte - ideal for use in sensitive environments.
- **Efficiency:** Minimal gas emissions means simplified and decentralized charging for lower costs.

## MAXIMUM PERFORMANCE. EFFICIENT CHARGING.

- **Faster and Smarter**  
Compatible with intelligent, high-frequency (HF) EnerSys® chargers optimizing battery health and efficiency.
- **Simple and Safe**  
Designed for easy plug-and-play use with safety features to prevent overheating and overcharging.
- **Robust Performance**  
Works in temperatures from -10°C to +40°C, ensuring consistent power in all environments.
- **Lower Operating Costs**  
Reduce infrastructure investments - no need for expensive ventilation or designated charging rooms.
- **Hassle-Free Operations**  
Maintenance-free design with no water top-ups required, saving time and effort.
- **Reliable Clean Power**  
Gel electrolyte prevents acid spills. Ultra-low gas emissions allow charging in almost any location and are the ideal solution in sensitive environments.
- **Environmentally Friendly**  
Fully sealed and recyclable, reducing environmental impact while delivering powerful performance.



\* At 60% Depth of Discharge (DoD)  
\*\* When used with EnerSys HF chargers

**IDEAL  
APPLICATIONS**



# **HAWKER** *evolution*<sup>®</sup>

SUPERIOR. EFFICIENT. RELIABLE.



Evolution<sup>®</sup> batteries are maintenance-free and suitable for applications using the following forklift trucks:

- Pallet trucks (24V, 36V, 48V)
- Order pickers (24V, 36V, 48V)
- Pallet stackers (24V, 36V, 48V)
- Counterbalanced trucks 24V, 36V, 48V  
(capacity limits of 420 Ah max\* and 1.8T max)

## **IDEAL APPLICATIONS:**

Ideal for warehouse environments with strict emission regulations or where liquid electrolyte leakage is environmentally unacceptable.

Perfect for storage areas with limited charging space or without specially equipped charging stations.

Designed for light and low duty applications on a single-shift operation.

\* For higher capacities a technical study by the EnerSys<sup>®</sup> technical team must be carried out and approved.

**EnerSys**  
Power/Full Solutions



## AVAILABLE OPTIONS

### ACTIONABLE INTELLIGENCE & CONNECTIVITY



A further option for Evolution® 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.



The iQ Mini™ battery monitoring device makes battery fleet data accessible via a convenient online portal or mobile app, enabling you to optimize the performance of your batteries and extend their service life.



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.



The EZSelect™ battery selection system helps make operator battery selection easy and intuitive, ensuring proper battery rotation, improved battery service life and optimized run times.

## 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.

- Tailors solutions to meet application demands
- Compares battery and charger combinations
- Predicts overall application performance
- Estimates greenhouse gas reductions
- Calculates TCO reductions and overall ROI





## OUR SOLUTIONS PUT TOTAL POWER IN MOTION FOR YOUR BUSINESS

Energys® 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.

Energys® 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.

Energys® 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 Europe, Energys® is within reach and ready to support your fleet with 40+ Service locations.



- **Energys® Direct**
- ▲ **Energys® Partner**
- 📍 **Energys® EMEA Headquarters**
- 📍 **Energys® Motive Power Production**

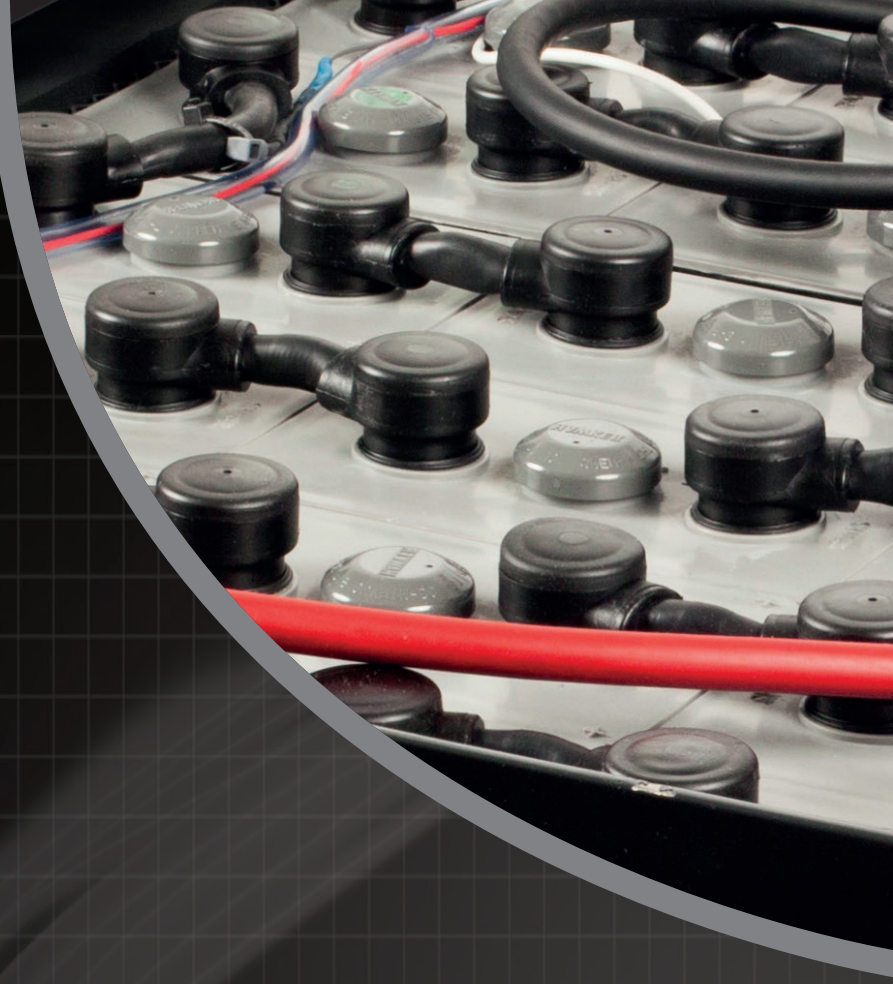
- 24/7 coverage from 150+ authorized service technicians.
- Tailored service contracts to your requirements.
- Proactive cloud-based monitoring and real-time service scheduling.
- Comprehensive maintenance reporting and monitoring plans.

## SMART, SWIFT AND FLEXIBLE RENTAL SOLUTIONS

# POWER RENT™

Designed to meet challenging business demands, the POWER RENT™ program offers uncompromised quality and financial flexibility. Whether it's a busy season or a sudden surge in demand, POWER RENT™ ensures you have the energy you need, when you need it, while keeping control of your capital investments.





### **SERVICE AND SUPPORT**

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.



### **BATTERY MONITORING**

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



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

**EnerSys EMEA**  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug Switzerland  
+41 44 215 74 10

**EnerSys APAC**  
No. 85, Tuas  
Avenue 1,  
Singapore 639518  
+65 6558 7333

[www.enersys.com](http://www.enersys.com)

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