



## **Big Steps in Emerging Markets and Technologies**

Advanced Lead (Pb) based technologies  
Advanced Nickel (Ni) based technologies  
Advanced Lithium (Li) based technologies  
Specialty Fuel Cells

**ADVANCED ENERGY SOLUTIONS FOR INDUSTRIAL APPLICATIONS**

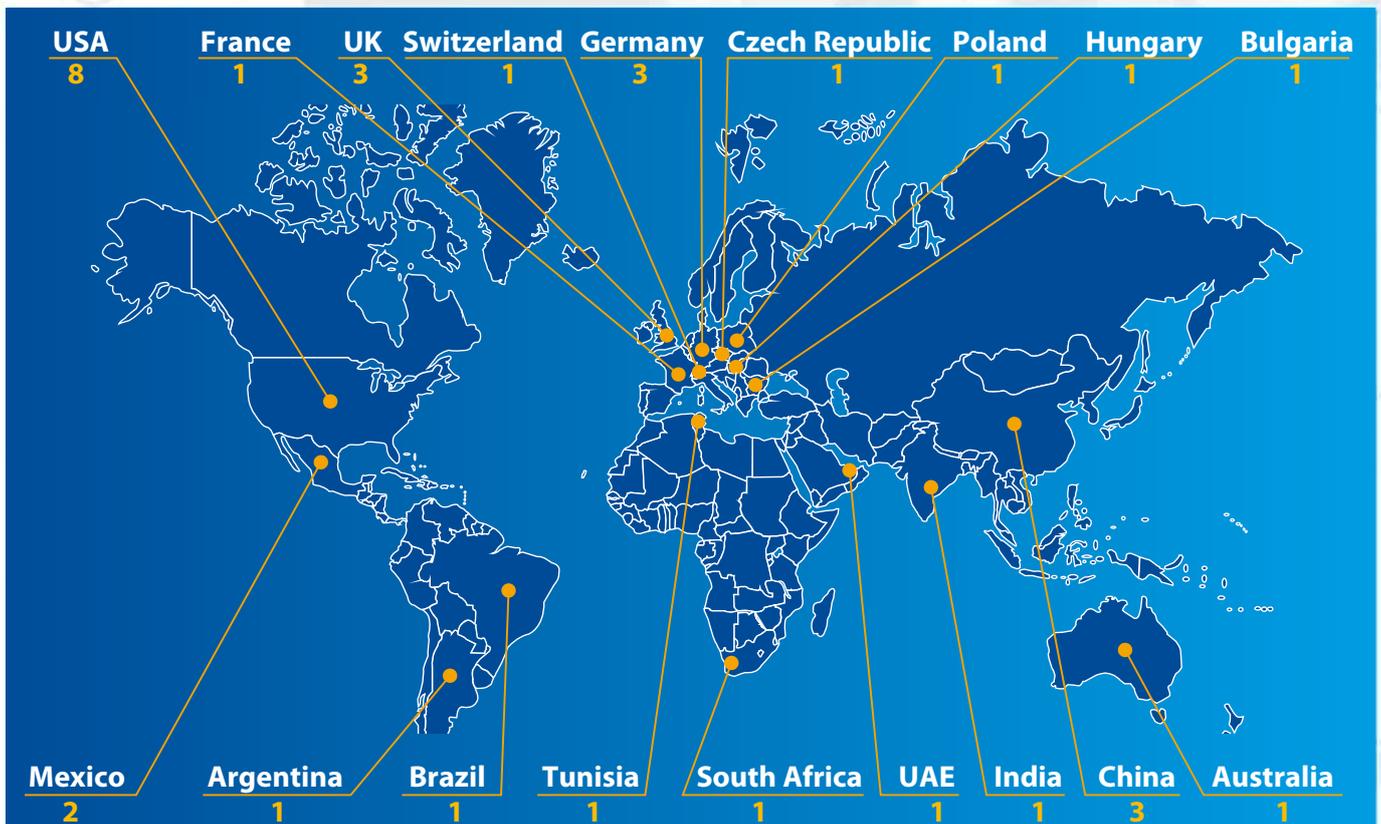


The factory in Chongqing, China

EnerSys® is the global leader in stored energy solutions for industrial applications. We complement our extensive line of motive power, reserve power and specialty products with a full range of integrated services and systems. With sales and service locations throughout the world, EnerSys is committed to offering customers the highest quality and most innovative energy systems available.

Headquartered in the United States, with regional headquarters in Europe and Asia, EnerSys employs over nine thousand people and operates 32 manufacturing and assembly facilities world-wide. This vast infrastructure and over 100 years of battery experience positions EnerSys at the forefront of both manufacturing capabilities and new product development.

**GLOBAL MANUFACTURING CAPABILITY**



## MOTIVE POWER

**HAWKER®, IRONCLAD®, GENERAL BATTERY®,  
FIAMM MOTIVE POWER®, ENFORCER®, LEGACY®**

Material handling equipment, ranging from small walk-behind trucks in food stores, to massive narrow aisle equipment in the most advanced logistics hubs, represents a large and growing industry. These markets are supported by global trade, advanced supply chains, and further migration from internal combustion engine trucks to battery powered trucks.

The shift towards more electric trucks is supported by further expansion with AC drives and battery developments like low maintenance designs, fast-charge technology, unique energy packs like Thin Plate Pure Lead (TPPL) batteries and lithium-ion solutions.

## RESERVE POWER

**POWERSAFE®, DATASAFE®, CYCLON®, GENESIS®**

Dependence on continuous power has never been more critical with integrated networks and systems, yet worldwide investments in power generation and distribution continue to lag behind the growing demand.

The Reserve Power products are based on several technologies: lead, nickel and lithium-ion. We also offer fuel cells.

In response to ever-evolving telecommunication networks' technologies and ever-challenging operating conditions, EnerSys® has launched the ground-breaking EON® Technology to enhance the cyclic performance without any detrimental effect on product service life.

## SPECIALTY MARKETS

### AEROSPACE AND DEFENSE

Our extensive product range serves a variety of A&D applications: from advanced valve-regulated lead and nickel based batteries with different technologies to low maintenance and maintenance-free batteries. Rechargeable, large and small format lithium-ion batteries are playing a significant role, not only in aerospace but also in specialized applications in standby power and commercial markets.

### RAIL SOLUTIONS

We are a highly regarded solutions supplier to the rail industry with long standing relationships around the world.

Rail technology with its own competence is a significant part of the new product development and application center established by EnerSys near Basel, Switzerland. Our target is to assure customers that with EnerSys energy solutions, the trains arrive safely and on time.

### ODYSSEY®

The combination of extreme power and performance makes ODYSSEY batteries perfect for a range of applications, including auto/LTV, marine, commercial, racing and powersports. ODYSSEY batteries deliver twice the overall power and three times the life of conventional batteries!

### MINING INDUSTRY

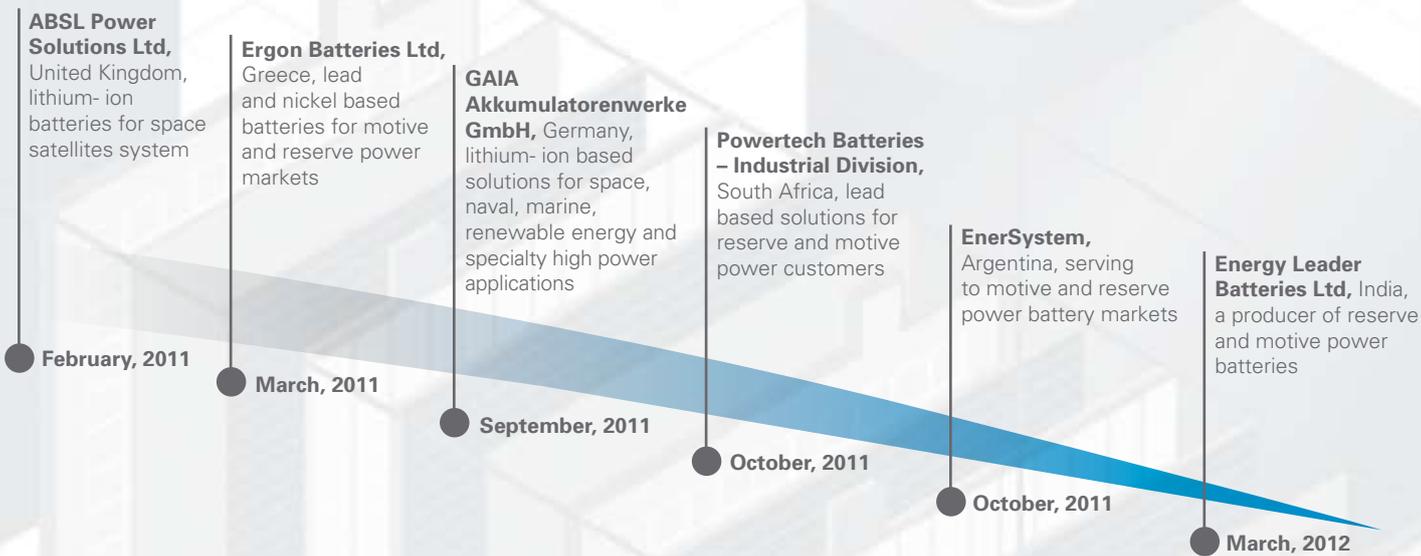
EnerSys provides a full line of high capacity batteries and chargers for mining, along with mineshaft asset controls and advanced miner's cap lamps.



## LATEST IN OUR PORTFOLIO

- Hawker® XFC™, NexSys®, Thin Plate Pure Lead technology for Motive Power
- LifeSpeed IQ™, modular HF charger range with unique, adaptive recharge technology
- Groundhog®, robust, low profile charger in SCR technology for space applications and widening industrial uses
- Lithium-ion solutions
- EON® technology to offer minimum Total Cost of Ownership in radio base stations and smart grid applications
- Widely recognized TPPL (Thin Plate Pure Lead) technology available now for high-integrity UPS systems
- Further widened Cabinet offering for UPS and Telecom applications

## LATEST ACQUISITIONS & JOINT VENTURES



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