SETTING THE STANDARDS IN STANDBY POWER

RESERVE POWER SOLUTIONS FROM ENERSYS®

EnerSys®

Power/Full Solutions

Empowering the world with STORED ENERGY SOLUTIONS

For more than 100 years, EnerSys® has been developing innovative new products, systems and solutions to meet the world's ever changing energy needs. Our product breadth is unparalleled, from traditional lead-acid technology to more advanced solutions using nickel cadmium, lithium ion and emerging technologies. Coupled with our services and capabilities, EnerSys can provide cost-effective turnkey solutions for energy storage.

For the benefit of our customers in more than 100 countries, EnerSys is committed to developing transformative technologies and delivering innovative services wherever they are required. Our energy storage expertise is enabling a range of innovative power solutions for a world that never sleeps.

Innovating for a better bottom line.

At EnerSys, we're continually refining our stored power solutions, which feature the industry's broadest range of flooded and Valve Regulated Lead Acid (VRLA) batteries. While our batteries, chargers and accessories have earned a reputation as the world's most trusted brands, EnerSys solutions also feature new power management technologies such as complete, utility-scale capacity optimization systems.

At EnerSys®, we're tapping 100+ years of battery expertise to develop stored power solutions that can help:

- **Cut total operating costs**
- **Extend product lifecycles**
- **Optimize manpower resources**
- **Reduce environmental impact**

EnerSys
Power/Full Solutions

POWERING A RANGE OF INDUSTRIES

ELECTRIC UTILITY/SWITCHGEAR

From back-up power for remote substations to full utility-scale capacity optimization systems, EnerSys® offers an array of electric utility and switchgear solutions. Batteries feature flooded and VRLA technologies, calcium and antimony grids, flat plate and tubular designs – even units that are nuclear Class 1E-qualified.

TELECOMMUNICATIONS

Central office or outside plant, wireline or wireless, EnerSys batteries can handle a range of telecom applications. Premium flooded and VRLA models combine long life, a compact footprint, high energy density and ease of installation.

UNINTERRUPTIBLE POWER SUPPLY (UPS)

With the rapid growth of integrated networks and systems, the need for dependable continuous power has never been greater. To meet it, EnerSys offers a variety of proven battery chemistries including Thin Plate Pure Lead (TPPL), Absorbed Glass Mat (AGM) and VRLA for a range of UPS applications.

SECURITY

Wherever power outages are a threat to safety, health or security, EnerSys® is there. With advanced gas recombinant technology, high energy density AGM designs and 99.99% pure lead plates, EnerSys products deliver reliable performance and extended service life for medical facilities, security and emergency lighting systems and more.

AEROSPACE AND DEFENSE

EnerSys has earned the trust of the aerospace and military segments through our ability to respond quickly to changing technical requirements as techologies evolve. Our extensive range of batteries delivers the most effective, powerful and reliable power available for a wide range of critical applications. With a greater range of commercial and MIL-qualified VRLA batteries than most manufacturers, EnerSys is the supplier of choice for armed forces worldwide.

RENEWABLE ENERGY

EnerSys offers several high cycling batteries for solar panels and wind or water turbines. With more plate surface area, our square tube designs provide excellent cycling capability. A proven combination of tubular and gel technologies ensures reliable power and minimal maintenance, critical in remote locations.

INNOVATIVE POWER SUPPORT SOLUTIONS

OptiGrid™ Stored Energy Solutions

CUSTOMIZABLE CAPACITY OPTIMIZATION

OptiGrid™ Stored Energy Solutions is a complete, utility-scale capacity optimization system. Combining the right battery chemistry, power condition system, monitoring system and shelter, this turnkey solution can help utilities and other users:

- **Manage grid-level storage needs**
- **Improve power quality and efficiency**
- **Reduce strain on transmission and distribution**
- **Moderate peak demand**
- **Integrate renewable energy resources**

Batteries
EnerSys® experts will match the chemistry to the application

Power Conditioning Systems
Configurable and scalable

BMS and Monitoring
Manage charging and discharging, monitor for safety

Shelter
Designed around safety, technology and application

Financing
Full turnkey solutions including financing for a complete project

23" Space Saver Rack Mounting Battery System

ODYSSEY® BATTERY

EXTREME GENSET RELIABILITY

Featuring TPPL technology, ODYSSEY® batteries form the core of a complete genset backup power solution. EnerSys® provides everything required – batteries, racks, chargers, connectors and services – from set-up to maintenance and repair.

- **High power density**
- **Long service life**
- **Quick recharge capability**

Shock Protected 1 Tier Rack

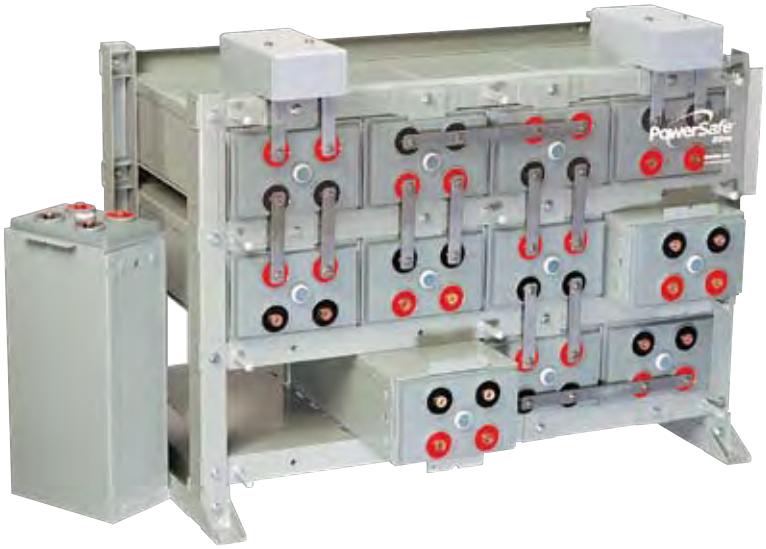
THE FLEET SAVER

The deep cycling capability and unique design of the ODYSSEY Extreme Series™ battery provides the reserve power to run on-board accessories with the engine off – without shortening battery life. With today's no idling laws, the ODYSSEY battery keeps vehicle fleets up and running for less.

- **Eliminate the need to idle – save fuel and help reduce greenhouse gases**
- **Reduce battery maintenance and replacements**
- **Save over $136,000 for a 20-vehicle fleet***

* Savings study results also factor in costs for gas, labor, ignition system parts and downtime.

INDUSTRY LEADING BRANDS



PowerSafe®

The industry's broadest range of flooded and VRLA batteries for telecom applications, PowerSafe® products operate everywhere from central office to outside plant. PowerSafe batteries also handle utility power generation transmission and distribution applications.

genesis®

Featuring premium pure lead, standard and gel VRLA technologies, Genesis® batteries support many mission-critical applications, including security systems, emergency lighting, medical and more.

Cyclon®

A cost-effective alternative to conventional lead alloy batteries, CYCLON® batteries feature a sealed, rechargeable pure-lead design inside a rugged steel casing. At work worldwide in medial facilities, security and emergency lighting systems, aerospace applications and more.

data safe®

Designed for the high power requirements of UPS systems, the DataSafe® battery line backs up IT applications from workstations to central data processing centers.

ODYSSEY® BATTERY

Engineered with TPPL technology, ODYSSEY® batteries deliver 2X the overall power and 3X the life of conventional batteries. The ODYSSEY battery powers trucks, extreme on- and off-road vehicles, marine applications, diesel back-up generators and more.

INDUSTRY LEADING SERVICE AND SUPPORT

SystemSafe℠

A ONE-STOP SOURCE FOR STATIONARY BATTERY SUPPORT

A good battery maintenance program will help maximize battery life, prevent avoidable failures and reduce premature replacements. The SystemSafe℠ service program from EnerSys® enables all of it and more. From system installations to system recycling, SystemSafe supports stored energy applications of every kind.

- **SystemSafe Battery Maintenance Programs**
- **DC Power and Turnkey Installations**
- **24/7, 365 nationwide service coverage**
- **Capacity testing and repair services**
- **Recycling, environmental and safety products**
- **PRO Series parts and accessories**
- **Extended warranties**
- **Factory authorized service**

World-class quality control

- **Consistent procedures**
- **Standard MOPs**
- **Meets IEEE Standards**
- **ISO 9001 registered**

PRO SERIES®

THE INDUSTRY'S BROADEST AND MOST INNOVATIVE PRODUCT LINE

The EnerSys® family of batteries and chargers is complemented by a range of equipment and technologies that is unique in the industry. Our product portfolio includes everything you need to manage your battery and charger fleet, including:

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

Friendly, flexible financing

We've teamed up with First American Vendor Finance™ to offer one of the most lessee-friendly master lease contracts in the industry.

EnerSys® Financial Solutions℠

Benefits include:

- Simplified paperwork
- 48-hour funding process
- No fees or performance covenants
- No equipment recertification
- No shipping restrictions
- Direct service and warranty rights
- Clean walk-away

Global leadership, local responsiveness

With more than 100 years of battery experience, EnerSys® is the global leader in innovative stored energy solutions for industrial applications. Our global network of sales and service locations provides a full range of integrated services and systems.

- Expertise in motive power, reserve power and specialty power solutions
- Supporting the most demanding applications, from aerospace to defense
- A wide range of proven, trusted brands
- A full range of integrated services and systems
- Worldwide sales, service and support

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