



## News Release

### Powerful New ATEX-Approved ODYSSEY® Extreme Series™ Batteries from EnerSys®

For more information contact:

Karen Shaw  
Communications Manager, EMEA  
EnerSys  
+44(0)161 727 3912  
E-mail: [karen.shaw@uk.enersys.com](mailto:karen.shaw@uk.enersys.com)

Dave Jones  
Product Manager, UPS & Specialty  
Reserve Power, EMEA  
EnerSys  
+44(0)1633 590347  
E-mail: [dave.jones@uk.enersys.com](mailto:dave.jones@uk.enersys.com)

**ZUG, Switzerland., July 26, 2016** – EnerSys® (NYSE:ENS), the global leader in stored energy solutions for industrial applications, has introduced ODYSSEY® Extreme Series™ batteries with ATEX/IECEX Type “Ex e” certification for engine-starting applications in hazardous environments. These powerful new batteries are designed for rugged performance where reliability and assured starting is critical. They are supplied in specially-designed enclosures that meet the ATEX/IECEX standard to simplify design, testing and compliance processes for equipment manufacturers. Typical applications include starting lifeboat engines, emergency power generators and equipment used in mining, petrochemical plants and oil/gas exploration.

The design, manufacture and certification of batteries is a critical part of developing equipment intended for use in hazardous areas. EnerSys has taken proven technology from its market-leading ODYSSEY® Extreme Series™ batteries and developed a secure enclosure to create a self-contained unit that complies with the ATEX/IECEX Type “Ex e” standards. “Customers specify the performance parameters, hazardous area conditions and physical specifications of their starting-battery requirements”, said Dave Jones, EnerSys Product Manager, UPS & Specialty in EMEA.

**(more)**

## **Powerful New ATEX-Approved ODYSSEY® Extreme Series™ Batteries from EnerSys®**

“EnerSys will design, configure and supply the complete unit ready to install with no need for further battery compliance testing and certification. Batteries can be supplied as a stand-alone unit or with an integrated charger depending on the customer’s requirement. By providing a turnkey solution in this way, EnerSys enables OEMs to integrate the battery with their designs seamlessly and quickly to shorten product development and testing times for a faster and less complex route to market”.

ODYSSEY® Extreme Series™ batteries deliver the rugged and reliable power that is needed in the most demanding, remote, and extreme environments. They have higher capacities and deliver at least 20% more power than standard AGM – absorbent glass mat – batteries of the same size. Designed for temperatures from -40°C up to +80°C they can reliably start vessels in the extremes of Arctic ice-packs or in the tropics of the Caribbean even when 70% discharged - conventional batteries struggle to start when only 30% discharged. They can be recharged 400 times from 80% depth of discharge - three times more than conventional AGM batteries and can be placed on float voltage so power is always available on demand. By resisting the severest shocks and vibrations they are ideal for use in hazardous environments.

The secret to this exceptional performance is advanced Thin Plate Pure Lead (TPPL) technology. Thinner electrode plates made from purer lead (99.99%) – with high grade electrolyte - ensure less grid corrosion than conventional batteries. Pure lead allows thinner plates which means more can fit inside the battery to increase total surface area and reduce internal resistance. Higher charge and discharge currents are enabled, which means faster charging and more power on demand.

ODYSSEY® Extreme Series™ batteries are available in standard sizes with capacities from 8 to 214Ah. Innovative design and rugged construction by EnerSys ensures superior resistance to shocks, vibration and temperature. This results in a maintenance-free battery with two-year shelf-life and ten-year design life.

### **Norsafe Integrates ODYSSEY® Extreme Series™ batteries into oil rig lifeboat design**

Norsafe - the global leader in marine life-saving systems for the merchant and offshore markets – has worked with EnerSys to incorporate ODYSSEY® Extreme Series™ 65-PC1750 batteries into offshore lifeboats used on oil rigs.

**(more)**

## Powerful New ATEX-Approved ODYSSEY® Extreme Series™ Batteries from EnerSys®

By integrating an ATEX-certified ODYSSEY® Extreme Series™ battery into its vessels, Norsafe will achieve all the power and performance benefits normally associated with an ODYSSEY® Extreme Series™ battery as well as obtaining the assurances associated with the ATEX Type “Ex e” certification.

Because the batteries are supplied as a self-contained modular unit the installation and maintenance is simplified - fitting is even possible on-site. This helps to negate any loss of availability or supplementary installation costs that might have otherwise be incurred. By commissioning EnerSys to provide a full end-to-end solution, including certification of the battery, charging system and circuit breakers as a part of the main boat system, Norsafe has been able to focus on boat performance and certification, which has minimised the company’s overall time to market.

### ABOUT ENERSYS®

EnerSys, the global leader in stored energy solutions for industrial applications, manufactures and distributes reserve power and motive power batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide. Motive power batteries and chargers are utilised in electric forklift trucks and other commercial electric powered vehicles. Reserve power batteries are used in the telecommunication and utility industries, uninterruptible power supplies, and numerous applications requiring stored solutions including medical, aerospace and defense systems. Outdoor equipment enclosure products are utilised in the telecommunication, cable, utility, transportation industries and by government and defense customers. The company also provides aftermarket and customer support services to its customers from over 100 countries through its sales and manufacturing locations around the world.

For more information on EnerSys® and its full line of products, systems and support, visit [www.enersys.com](http://www.enersys.com).

Connect with ODYSSEY® battery on [Instagram](#), [Twitter](#) and [Facebook](#). For more details including upcoming events and how to purchase ODYSSEY® batteries, visit [www.odysseybattery.com](http://www.odysseybattery.com).

**(more)**

## Powerful New ATEX-Approved ODYSSEY® Extreme Series™ Batteries from EnerSys®

### ABOUT NORSAFE

Norsafe Group has its headquarters in Arendal, Norway and counts over 1000 employees. Since 1903, Norsafe has produced over 28 000 boats. The company has a worldwide involvement that includes production, sales, delivery and service of lifesaving equipment for ships and the offshore industry. Norsafe owns production and sales/service companies in Norway, China, Greece, Mexico, Singapore, South Korea, USA, Japan, Brazil, Australia, the Netherlands, the United Arab Emirates and UK. In addition, Norsafe Group has a network of 45 authorised service partners spread across all continents.

Norsafe is a complete provider within maritime safety, also offering courses and training through Norway Academy. Over the past year, Norsafe has built two state of the art training centres at the Port of Lavrion in Greece and at Rosendal in Norway. Over the past 25 years, Norsafe has supplied rescue boats, patrol boats and special boats for the military and professional markets, with deliveries to police, SAR, coast guard, customs and the marine, etc.

For more information, visit our website: [www.norsafe.com](http://www.norsafe.com) and [www.youtube.com/norsafeas](http://www.youtube.com/norsafeas)

# # #