

THE BATTERY THAT GOES TO EXTREMES

EnerSys
Power/Full Solutions



ODYSSEY[®]
THE EXTREME BATTERY

EXTREME POWER.

Phenomenal starting power and massive deep cycle reserve power in one battery!

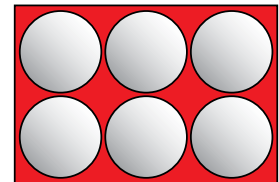
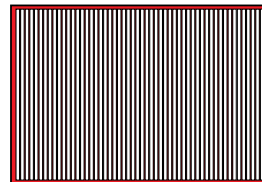
Some batteries provide enormous cranking power. Others, deep cycle reserve power. The revolutionary ODYSSEY® battery is designed to do both.

How is this possible? The answer begins with flat plates made of 99.99% pure virgin lead - not lead alloy. Pure lead plates can be made thinner, so we can fit more of them in the battery. More ODYSSEY battery plates mean more plate surface area. And that means more power – twice as much as conventional batteries.

In fact, ODYSSEY batteries are capable of providing engine cranking pulses in excess of 2250 amps for 5 seconds – double to triple that of equally sized conventional batteries, even at very low temperatures. And they can handle 400 charge-discharge cycles to 80% depth of discharge.

This extreme combination of power and performance makes ODYSSEY batteries perfect for a range of applications, including automotive/LTV, marine, commercial, and powersports – see the examples inside.

ODYSSEY® batteries vs. spiral-wound designs: 15% more plate surface area!



■ Unused battery space

Like many popular spiral-wound batteries, ODYSSEY batteries employ dry cell AGM technology to contain acid, allowing the battery to be installed even on its side. But the densely packed flat plates in an ODYSSEY battery avoid the “dead space” between cylinders in a “six-pack” design. The result is 15% more plate surface area – and that translates to more power!



ODYSSEY
THE EXTREME BATTERY

www.odysseybattery.com

INDESTRUCTIBILITY.

Designed and built to last up to 3 times as long.

Thanks to rugged construction and AGM (Absorbed Glass Mat) design, ODYSSEY® batteries have an 8-12 year design life and a 3-10 year service life. Welded intercell connections enable

it to withstand extreme vibration, and AGM design holds acid in place to prevent spills, even when installed on its side. And unlike conventional batteries, ODYSSEY batteries can be stored for up to 2 years and still be returned to full power.*

Pure Lead Plates

Constructed from 99.99% pure virgin lead, ODYSSEY battery plates are extremely thin, so more of them can fit into the battery. More lead plates equals more power.

Tin Alloy Coated Brass Terminals

Brass terminals coated with a high-quality tin alloy ensure secure, corrosion-free cable connections.

Compressed AGM Plate Separators

Before being inserted into the case, the Absorbed Glass Mat plate separators are compressed by 28% for extreme vibration resistance.

Robust Intercell Connections

Built to stringent specifications, cell connectors are casted to the plates, and bonded to resist vibration and eliminate internal sparking.

Available Metal Case

Selected ODYSSEY batteries are available with metal casing for high heat applications.

Optional height adapter may be used on both 34-PC1500 models for installations where a group 24 or group 27 is required. Snap the adapter securely into place on the bottom of the 34-PC1500 battery. In some installations, either 34-PC1500 model with this adapter may be used to replace a group 24F or 27F depending on required cable length.

Ready out of the box

ODYSSEY batteries are shipped fully charged. If the ODYSSEY battery's voltage is 12.65V or greater, simply install the battery in your vehicle and you are ready to go! If below 12.65V, boost charge following the instructions in the ODYSSEY battery Owner's Manual and/or Technical Manual. Putting a boost on the battery will not damage it, even if its voltage reads higher than 12.65V.

* At 25°C (77°F). Storage times will be even longer at lower temperatures.

VERSATILITY AND FLE

Emergency Response

The ODYSSEY® battery protects, serves and saves with maintenance-free starting power plus massive deep cycle reserve power for on-board accessories.

- Police cruisers
- Fire trucks
- Ambulances

4X4 & Off-Road

The ODYSSEY battery's rugged construction and non-spillable, dry cell design ensure extreme shock and vibration resistance for the toughest off-road applications.

- SUVs
- Light trucks
- Off-road vehicles

Classic & Antique Cars

Classic and restored cars are often kept in storage for months. The ODYSSEY battery's deep cycle reserve power ensures that they'll start reliably, even after two years of sitting idle.

- Muscle cars
- Classic trucks
- Antique vehicles

Heavy Duty/Commercial

The ODYSSEY battery gives truckers, farmers and construction vehicle operators what they need: the superior cranking power and deep cycle ability to get the job done.

- Tractor trailers
- Farm, lawn and garden equipment
- Earth-moving/construction equipment

XIBILITY.



Marine

ODYSSEY® Trolling Thunder™/Marine Dual Purpose batteries have enough starting, reserve and deep cycle power for any vessel. Plus, an ODYSSEY battery holds a charge for long periods ensuring quick starts even after long storage periods.

- Pleasure cruisers
- Commercial vessels
- Trolling motors

High Performance & Modified Vehicles

From starting high-compression engines to powering high-intensity discharge lights, the non-spillable ODYSSEY battery can handle any upgrade, and can be mounted in almost any position.

- Tuner cars
- Race cars
- Dragsters

Sound and Video Packages

The deep cycle, non-spillable ODYSSEY battery offers the extreme power and extreme mounting flexibility that today's high-wattage, in-car sound and video systems demand.

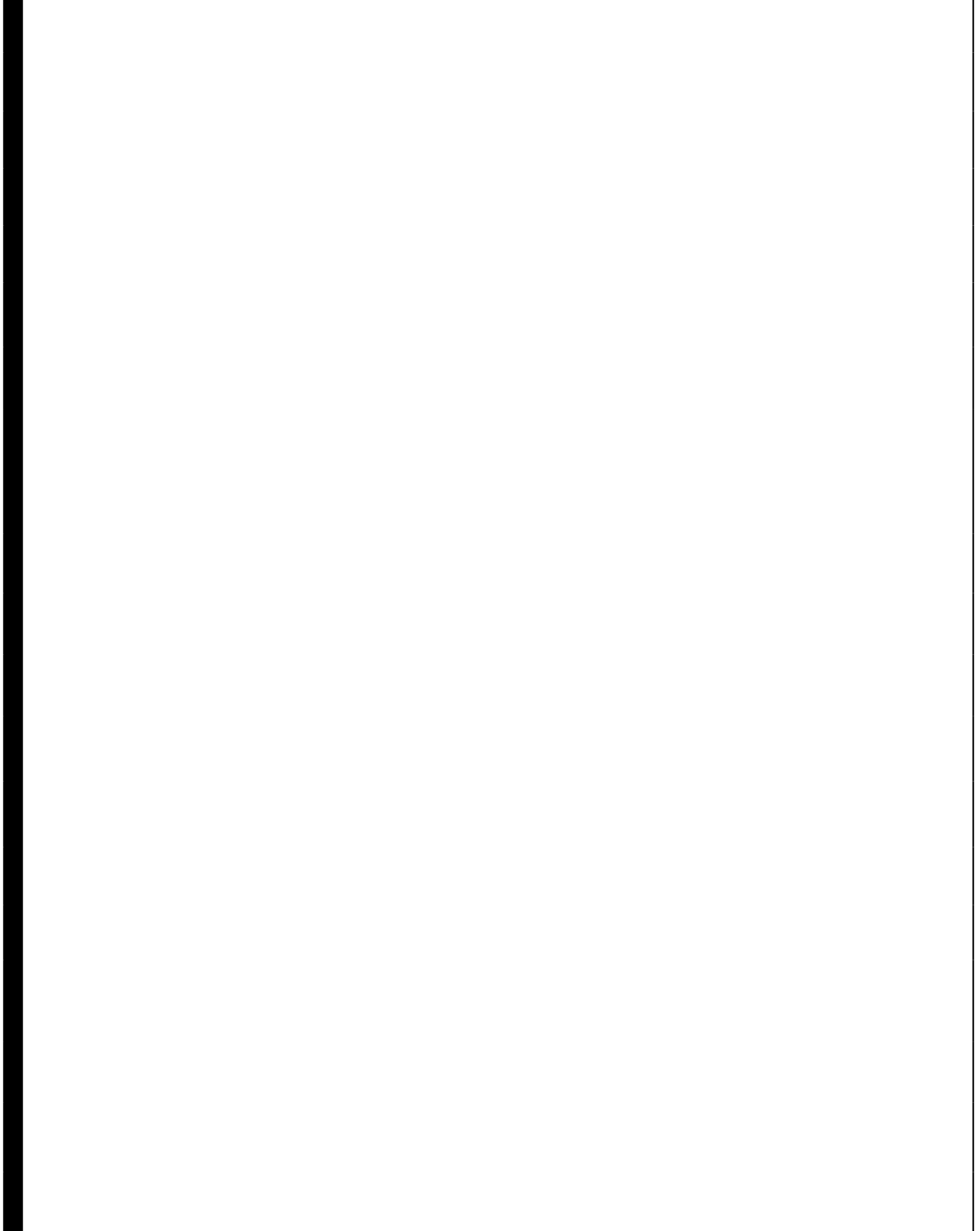
- Audio systems
- Video systems
- Auxiliary amplifiers

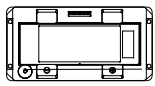
Motorcycles & Powersports

The ODYSSEY battery delivers the power and durability that powersport vehicles demand. Rugged construction and non-spillable, dry cell design provides extreme shock and vibration resistance.

- Motorcycles and ATVs
- Personal watercraft
- Snowmobiles
- Ultralight and Gyrocopter™ aircraft

ODYSSEY® BATTERY POWER





About EnerSys®

EnerSys® is a global leader in stored energy solutions for automotive, military, and industrial applications. With manufacturing facilities in 17 countries, sales and service locations throughout the world, and over 100 years of battery experience, EnerSys is a powerful partner for automotive service and parts providers.

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