

AUTOMOTIVE/LTV • MARINE • HEAVY DUTY/COMMERCIAL • POWERSPORTS

ODYSSEY[®]

THE EXTREME BATTERY

THE BATTERY THAT GOES TO EXTREMES



EnerSys[®]
Power/Full Solutions
Power/Full Solutions

www.odysseybattery.com

ODYSSEY®

THE EXTREME BATTERY

Better warranty – Limited 2-, 3- and 4-year full replacement warranty – not pro rata.

Longer service life – 3-10 years of service life.

Longer cycle life – 70% longer cycle life compared to conventional deep cycle batteries – up to 400 cycles at 80% depth of discharge.

Longer shelf life – Can be stored on open circuit (nothing connected to the terminals) without the need for recharging up to 2 years or down to 12.00V, whichever occurs first.

Faster recharge – The highest recharge efficiency of any sealed lead battery on the market – 100% recharge in 4-6 hours.

Mounting flexibility – Non-spillable design – can be mounted on any side in any position except inverted.

Vibration resistance – Design protects against high impact shock and vibration – a common cause of premature battery failure.

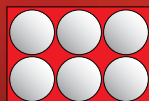
Extreme temperature tolerant – Operating temperatures from -40°C (-40°F) to 80°C (176°F).*

Totally maintenance free – No need to add water, ever! Drycell design with resealable venting system.

Improved safety – US Department of Transportation classified as a ‘non-spillable’ battery. No acid spills, no escaping gases.

*Not all models are capable of 80°C (176°F)

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



□ Unused battery space

ODYSSEY® battery technology comparison

	ODYSSEY® BATTERIES	CONVENTIONAL BATTERIES
DESIGN LIFE	8-12 years (Float) @ 25° C (77° F)	5 years
SERVICE LIFE	3 to 10 years	1 to 5 years
ELECTROLYTE	Drycell (“starved electrolyte”) no external leakage or corrosion	Most are acid flooded (causing acid burns and spills); some wet sealed or “gelled”
STORAGE LIFE	2 years before needing charge @ 25° C (77° F)	6-12 weeks before needing charge
SHIPPING	Air transportable; US Department of Transportation classified non-spillable (less expensive)	Ground transport; classified as hazardous material (more expensive)
END OF LIFE	Battery slowly loses power at end of life; no catastrophic failure	Immediate and catastrophic loss of power (can leave you stranded)

Alloy coated brass terminals for corrosion-free connection

Compressed AGM plate separators for extreme vibration resistance



99.99% pure lead plates – more plates equals more power

Bonded intercell connections to resist vibration and eliminate internal sparking

1-800-538-3627

www.odysseybattery.com

Automotive/LTV

Remember when all a battery had to do was start the car? Today's vehicles are loaded with more electronics than would have been imaginable just a few years ago. And today's hobbyist vehicles now include more specialties and specialized power demands than ever before. Fortunately, the ODYSSEY® battery has been designed to keep up with the changes.



Thanks to their amazing deep cycling capability, ODYSSEY® batteries are able to power multiple accessories and still deliver massive starting power.



Everyday Vehicles

The electronics in today's vehicles require heavy power. The ODYSSEY® battery delivers it while providing reliable starting for up to 3X as long as conventional batteries.

- Luxury and sport sedans
- SUVs and light trucks
- Vans, minivans and taxis



Classic & Antique Cars

Classic and restored cars are often kept in storage for months. With the ODYSSEY® battery, they'll start reliably for up to two years (when stored at 25°C (77°F) from a fully charged state).

- Antique vehicles
- Classic trucks
- Replica/kit cars



4X4 & Off-Road

Featuring rugged construction and a non-spillable, dry cell design, ODYSSEY® batteries ensure extreme shock and vibration resistance for the toughest off-road applications.

- SUVs
- Light trucks
- Off-road vehicles



High Performance Cars

High-compression, massive horsepower engines demand massive starting power. The superior cranking ODYSSEY® battery provides it for much longer than conventional batteries.

- Muscle cars
- Race cars
- Dragsters



Modified Vehicles

From low-riding hydraulics to high-intensity discharge lights, the non-spillable ODYSSEY® battery can power any modification, and can be mounted in almost any position.

- Tuner cars
- Low riders
- Audio and video systems

Heavy Duty/Commercial

Today's commercial vehicles have to power a range of accessories, both inside the cab and out. And whether on the road, the farm, or the jobsite, they also need a battery with the power to start any job, and the durability to last until it's finished. Not so easy when the job involves constant vibration, extreme loads, long idle periods and harsh environments. The ODYSSEY® battery can handle it.



The ODYSSEY® battery delivers massive starting power, rapid recovery, and extreme durability that heavy duty and commercial vehicles demand.



Tractor trailers

With today's no-idling laws, big rigs need a battery that can keep everything in the cab running when the engine isn't. The ODYSSEY® battery can power a range of on-board accessories and still deliver reliable starts.



Construction equipment

Along with dusty, dirty jobsites, building equipment has to endure repeated shock and vibration. With its rugged, sealed construction, ODYSSEY® batteries are built to take a pounding and perform in the toughest conditions.



Farming equipment

Farm vehicles have to perform in harsh environments, often after sitting idle for months. With the ODYSSEY® battery they'll start reliably for up to two years (when stored at 25°C (77°F) from a fully charged state).



Buses/RVs

The electronics in today's RVs and charter buses require deep cycle reserve power. The ODYSSEY® battery delivers it while providing massive starting and up to 3X the service life of conventional commercial batteries.



Box trucks/Cargo vans

Big delivery vehicles need big starting power, even after hours of starts and stops with little recovery time. With its massive deep cycle reserve power, the ODYSSEY® battery can handle the most demanding routes.



Emergency Response

With its maintenance-free starting power and massive deep cycle reserve power for on-board accessories, the ODYSSEY® battery protects and serves when it matters most.

- Police cruisers
- Fire trucks
- Ambulances

Trolling Thunder™ / Marine Dual Purpose

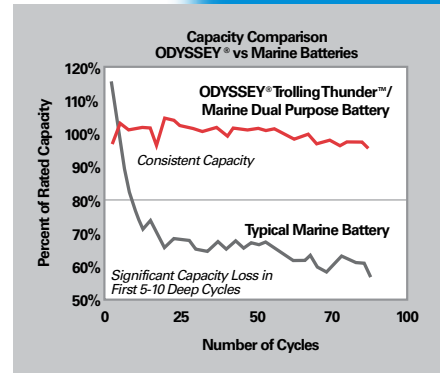
Like an athlete that is both a sprinter and a long distance runner, the ODYSSEY® Trolling Thunder™ / Marine Dual Purpose battery has both massive starting power and amazing deep cycling capability — up to 400 cycles at 80% depth of discharge. With twice the overall power and three times the life of conventional marine batteries, the ODYSSEY battery is ideal for trolling, starting, and for powering the many on-board electronic accessories common in today's boats.



Endorsed by legendary bass fisherman, author, and TV host, Shaw Grigsby, inducted into Legends of the Outdoors™ Hall of Fame, 2004.

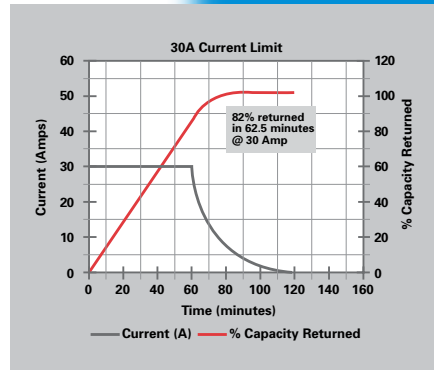


The amazing deep cycling capacity of the legendary ODYSSEY® Trolling Thunder™ Battery along with massive cranking power — all in one revolutionary battery.



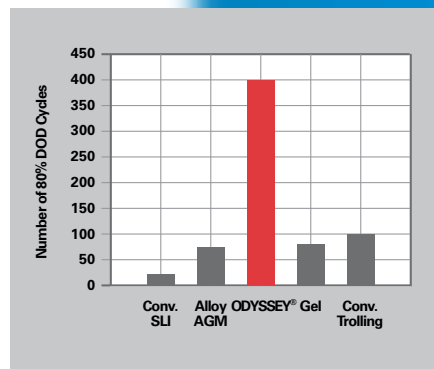
Consistent Power

ODYSSEY® batteries maintain consistently high voltage over a long cycle life.



Fast Recovery

ODYSSEY® batteries recharge faster and more fully than conventional marine batteries.



Long Cycle Life

ODYSSEY® batteries routinely deliver up to 400 deep cycle (80%) discharges.

Powersports

Powersport vehicles need a powerful battery. But they also need one built to take the constant pounding that comes with the territory, whether that territory is on land, sea, or snow. Thanks to rugged construction and a non-spillable AGM design, ODYSSEY® batteries protect against the shock and vibration that can quickly destroy other batteries. Ideal for:

- ATVs • Personal watercraft • Snowmobiles
- Ultralight aircraft • Gyrocopter™ aircraft



The ODYSSEY® battery's non-spillable design allows it to be mounted on its side without danger of leaking.

Ultimizer™ Chargers



**ODYSSEY®
Ultimizer™ Chargers**



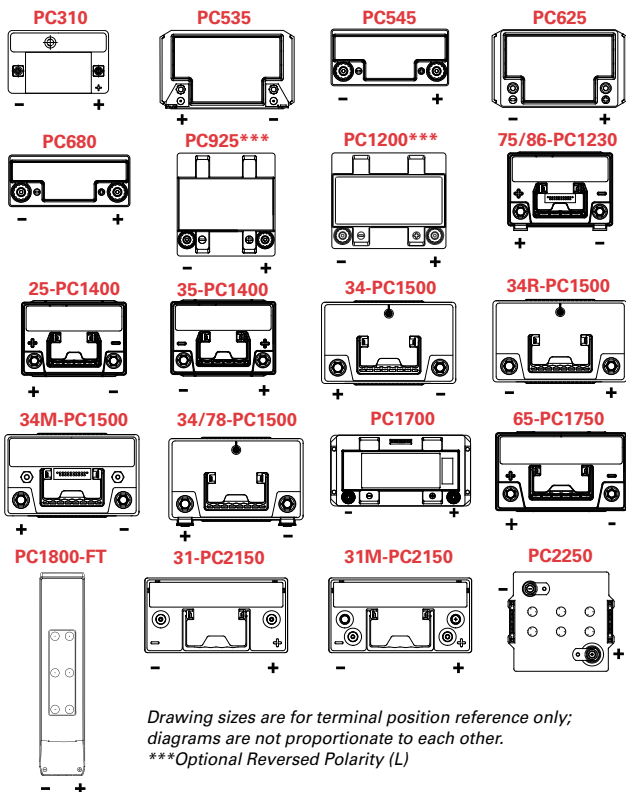
**ODYSSEY® Trolling Thunder™/
Marine Dual Purpose
Ultimizer™ Chargers**

Lightweight and portable, ODYSSEY® Ultimizer™ 12V chargers are specifically designed to support the full line of ODYSSEY® batteries – Automotive/LTV, Heavy Duty/Commercial, Powersports and Trolling Thunder™/Marine Dual Purpose.

Powerful enough to charge batteries quickly, these sophisticated chargers are also safe enough to leave them connected to the batteries indefinitely without damage. All ODYSSEY® Ultimizer™ chargers offer these important benefits:

- Three-step charge profile ensures fast, complete and safe charge
- Continuous trickle charge keeps batteries fully charged during extended periods of non-use
- Sophisticated sequential charging technology keeps triple bank chargers lightweight and compact

TERMINAL LAYOUTS



*Drawing sizes are for terminal position reference only;
diagrams are not proportionate to each other.
***Optional Reversed Polarity (L)*

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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