

ODYSSEY[®]

BATTERY

PORTABLE CHARGER

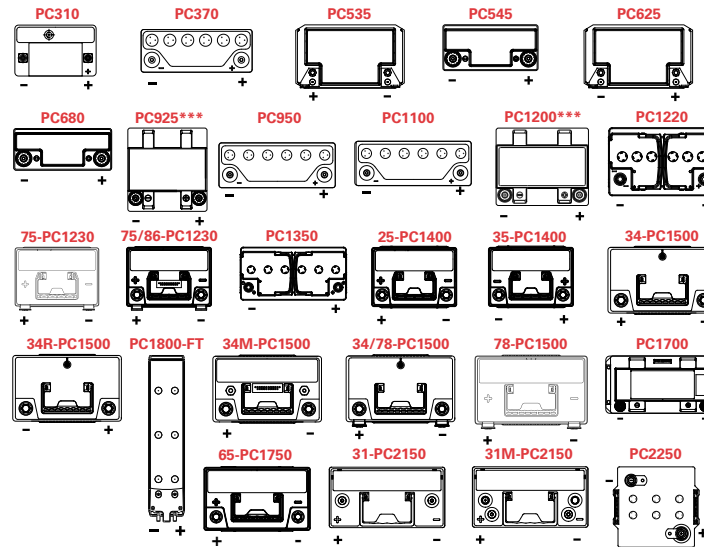


ODYSSEY[®] battery portable chargers are designed to fully and safely charge ODYSSEY batteries and other quality brands of 12-volt Absorbed Glass Mat (AGM) and flooded lead acid batteries.

For professional shop users of enthusiasts doing a charger-to-battery match up, our professional grade design delivers performance, quality and speed in a ruggedized and weatherproof housing.

- Fully automatic six-stage performance charging (see back for details)
- All digital power charging platform
- LED battery charge monitor
- System OK and battery fault trouble status indicator
- 6, 12 and 20 Amp models available
- Fanless design eliminates risk of fan failure and costly replacement
- Limited 2-year full replacement warranty
- UL Certified to UL1236 CSA C22.2 No.2 FCC Class A Part 15 CEC listed

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 18 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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Powered by **EnerSys**
 Power./Full Solutions

ENGINEERED WITH THIN PLATE PURE LEAD (TPPL) TECHNOLOGY

DRIVE IT TO EXTREMES



ODYSSEY[®]

Extreme

SERIES[™]



www.odysseybattery.com

2X THE POWER, 3X THE LIFE

ODYSSEY® Extreme Series™ batteries are designed and built to deliver twice the overall power and triple the service life of conventional batteries.

Doing double duty

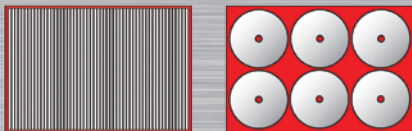
Some batteries offer enormous cranking power. Others, deep cycle reserve power. ODYSSEY Extreme Series batteries have both. Even at very low temperatures, they provide engine-cranking pulses in excess of 2250 amps for 5 seconds – double to triple the power of equally sized conventional batteries. And they can handle 400 charge-discharge cycles to 80% depth of discharge.†

How so much power is possible

ODYSSEY Extreme Series batteries are made with flat plates made of 99.99% pure lead – not lead alloy. Pure lead plates can be made thinner, so we can fit more of them in the battery. More plates mean more plate surface area. And that means more power – twice as much as conventional batteries.

Packed with more power

Like many popular spiral-wound batteries, ODYSSEY Extreme Series batteries employ dry cell Absorbed Glass Mat (AGM) technology to contain acid, allowing the battery to be installed even on its side. But the densely packed flat plates in an ODYSSEY Extreme Series 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.



Unused battery space

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

Optional height adapter may be used on 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, the 34-PC1500 model with this adapter may be used to replace a group 24F or 27F depending on required cable length.



†PC370, PC950 and PC1100 are engine start only. No cycling.

RUN STRONGER LONGER

Robust Intercell Connections
resist vibration and eliminate internal sparking

Tin Alloy Coated Brass Terminals
ensure corrosion-free cable connections*



Compressed AGM Plate Separators
help enable extreme vibration resistance

99.99% Pure Lead Plates
are extremely thin, so more of them fit inside for more power

*Some models excluded. See table for details.

ODYSSEY® EXTREME SERIES™ BATTERY TECHNOLOGY COMPARISON

	ODYSSEY® EXTREME SERIES™ BATTERIES	CONVENTIONAL BATTERIES
DESIGN LIFE	8-12 years (Float) @ 77°F (25°C)	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 @ 77°F (25°C)	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)

SUPERIOR STARTING POWER AND VIBRATION RESISTANCE

The ODYSSEY® Extreme Series™ battery's incredible combination of power and endurance makes these batteries ideal for just about anything, just about anywhere.



Emergency Response

ODYSSEY® Extreme Series™ batteries are always on call with maintenance-free starting power plus massive deep cycle reserve power for on-board accessories.

- Police cruisers
- Fire trucks
- Ambulances



4X4 & Off-Road

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



Heavy Duty/Commercial

Superior cranking power and deep cycle ability mean ODYSSEY Extreme Series batteries get the job done.

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



Everyday Vehicles

The electronics in today's vehicles require heavy power. ODYSSEY Extreme Series batteries deliver 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

EXTREME POWER AND ENDURANCE FOR EVEN MORE APPLICATIONS



Classic & Antique Cars

The deep cycle reserve power of ODYSSEY® Extreme Series™ batteries ensures that classic and antique cars will start reliably, even after two years of sitting idle.

- Antique vehicles
- Classic trucks
- Muscle cars



Motorcycles Extreme Series & Powersports

The ODYSSEY Extreme Series battery delivers the power and durability that powersports 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



High Performance & Modified Vehicles

From starting high-compression engines to powering high-intensity discharge lights, ODYSSEY Extreme Series batteries can handle any upgrade, and can be mounted in almost any position.

- Tuner cars
- Race cars
- Dragsters

Sound and Video Packages

ODYSSEY Extreme Series batteries provide the power and mounting flexibility that today's high-wattage, in-car sound and video systems demand.

- Audio systems
- Video systems
- Auxiliary amplifiers



ODYSSEY®

Trolling Thunder®/Marine Dual Purpose

Extreme

SERIES™

Big power on the water

Starting power or deep cycle power. Traditionally, boaters have been forced to choose between them. Now, with the ODYSSEY® Extreme Series™ Trolling Thunder®/Marine Dual Purpose battery they can have it all — a marine battery that delivers robust starting power when needed, yet withstands deep and frequent depths of discharge (DOD) without significant power loss.

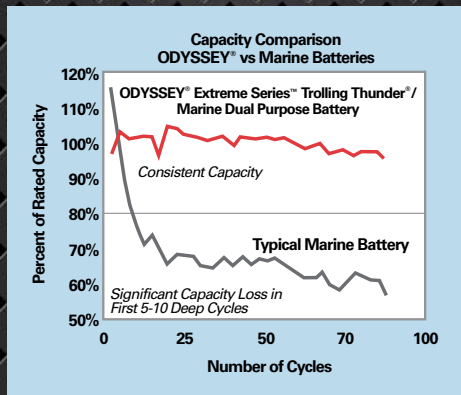
The ODYSSEY Extreme Series Trolling Thunder/Marine Dual Purpose battery has both massive starting power and amazing deep cycling capability — up to 400 cycles at 80% depth of discharge when charged appropriately.

With twice the overall power and three times the life of conventional marine batteries, the ODYSSEY Extreme Series battery is ideal for trolling, starting, and for powering the many on-board electronic accessories common in today's recreational boats.



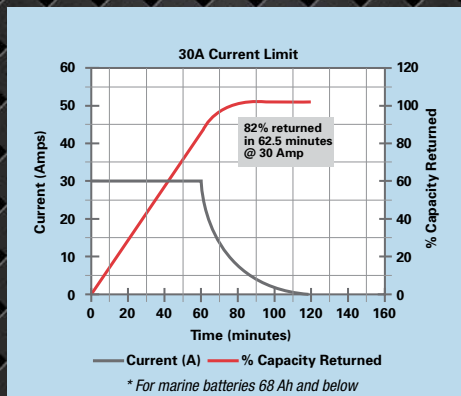
Endorsed by legendary bass fisherman, author, and TV host, Shaw Grigsby, inducted into Legends of the Outdoors™ Hall of Fame, 2004.

The ODYSSEY Extreme Series also includes a full range of batteries ideal for marine powersports applications.



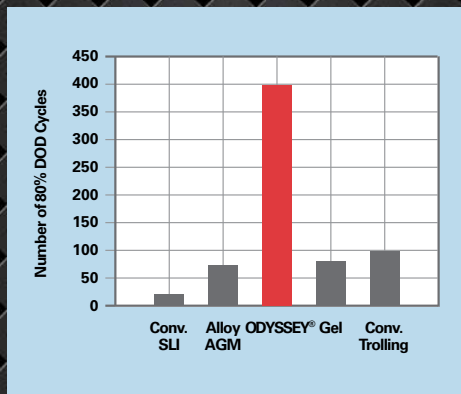
Consistent Power

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



Fast Recovery

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



Long Cycle Life

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

