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

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

### 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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Subject to revisions without prior notice. E.O.E.
**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

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### ODYSSEY® battery technology comparison

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

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![Alloy coated brass terminals for corrosion-free connection](image)

![Compressed AGM plate separators for extreme vibration resistance](image)

![Bonded intercell connections to resist vibration and eliminate internal sparking](image)

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

*PC1220 and PC1350 do not have brass terminals. Please see table for details.*
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.

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 25ºC (77ºF) 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

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

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**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.

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**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.

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**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).

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**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.

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**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.

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**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.

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

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

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.

The amazing deep cycling capacity of the legendary ODYSSEY® Trolling Thunder™ Battery along with massive cranking power — all in one revolutionary 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 12,000V, whenever occurs first.

### Faster recharge – The highest recharge efficiency of any designs: 15% more plate surface area!

### Mounting flexibility – The highest recharge efficiency of any designs: 15% more plate surface area!

### 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, ever!

### 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!

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**WARRANTY:**

Emeryville Products Inc. ("Manufacturer") warrants its ODYSSEY® batteries (hereafter referred to as "Battery") to be free of defects in material and workmanship for the following Applicable Warranty Periods:

- **2 years** for Auxiliary Power (APU) and other non engine start cycling applications.
- **4 years** for power sports applications.
- **3 years** for commercial, industrial, marine and automotive applications in non BCI sizes.
- **4 years** for engine starting application for PC1220, PC1350, and PC2250 and all BCI sizes.

The warranty does not cover a Battery reaching its normal end of life which may occur prior to the warranty periods stated above. Depending on the application a Battery can reach its normal end of life before the end of this warranty period.

A Battery can deliver only a fixed number of usable amp-hours over its lifetime and is considered to have reached its normal end of life if the application uses up all of these amp-hours, regardless of the time the Battery has been in service. Therefore Manufacturer reserves the right to deny a warranty claim if it determines the Battery to be at its normal end of life, even if the claim is lodged within the applicable warranty period.

The Applicable Warranty Period begins from the date of purchase with original receipt, or, if no receipt is available, from Manufacturer's shipping date as stated on the battery. Batteries determined to meet the conditions of this warranty will be replaced free of charge if, at the sole discretion of Manufacturer, adjustment is necessary due to defect in materials or workmanship. Batteries for warranty replacement consideration are to be returned to the original supplying distributor/dealer. If not feasible, other ODYSSEY® distributors/dealers can be approached but a warranty processing fee may be applied. This warranty may vary from country to country: contact your authorized ODYSSEY® Battery wholesaler or dealer for the Applicable warranty period.

Batteries replaced under the warranty provisions will be shipped with a yellow replacement warranty sticker and carry only the remainder of the original Applicable Warranty Period. Visit www.odysseybattery.com/literature.html to download the "ODYSSEY Warranty" for full details.

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**OPTIONAL HEIGHT ADAPTOR May be used on all 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 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.

Optional metal jackets available on PCS54, PC860, PC925, PC1200, PC1700 and 31-PC1500 Operating Temperature Range = +12°C to +60°C (50°F to 140°F).