



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.

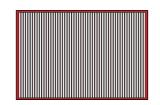
In fact, ODYSSEY batteries are capable of providing engine cranking pulses in excess of 2250 amps for 5 seconds - double to triple that of equally sized conventional batteries, even at very low temperatures. And they can handle 400 charge-discharge cycles to 80% depth of discharge.

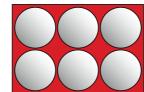
This extreme combination of power and performance makes ODYSSEY batteries perfect for a range of applications, including automotive, marine, commercial, and powersports - see the examples inside.



www.odysseybattery.com www.enersys-emea.com

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!

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.

Compressed AGM Plate Separators

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

Not All AGM Batteries are the Same

To maximise the advantage of AGM separation, we use 99.9% pure lead plates. This affords us the enviable distinction of massive cranking power combined with deep cyclic characteristics of 400 cycles to 80%

> **Robust Intercell Connections** Built to stringent specifications, cell connectors are casted to the plates. and bonded to resist vibration and eliminate internal sparking.

Tin Alloy Coated Brass Terminals

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





Optional height adapter may be used on the 34-PC1500 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, a 34-PC1500 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 FLEXIBILITY.





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



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.

- 4 x 4 vehicles/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.





ODYSSEY® 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
- Hybrid electric propulsion



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
- Muscle 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. Deep cyclic ability handles parasitic loads caused by Alarm systems and electrics ABS systems on bikes.

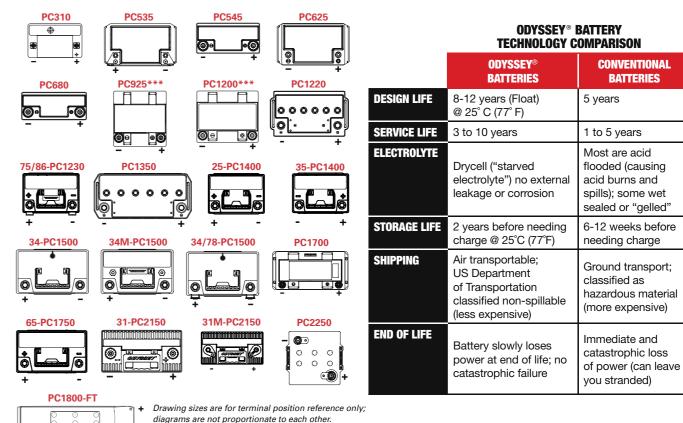
- Motorcycles and ATVs
- Personal watercraft
- Snowmobiles
- Ultralight and Gyrocopter[™] aircraft

%*Pulse Current † Can be fitted with brass automotive terminal PC622 PC1/220, 75/86-PC1230, PC1350, 25-PC1400, 35-PC1400, 34-PC1500 and PC2250 PC (104°F) for PC1220, PC1350 and PC2250 40°C (104°F) for PC1220,

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ODYSSEY® BATTERY POWER FOR EVERY APPLICATION. (20 Hr (10 Hr 100 310 100 200 155 138.0 101.0 2.7 27.1 455A 86.0 1.0 Receptacl M6 12 200 230 300 265 14 13 21 170.2 99.1 157.0 5.4 4.5 1000A 535 8 Stud 240 177.8 12 545 185 210 300 13 12 18 85.9 131.3 5.7 5.6 10 1200A Receptacl M6 12 625 265 310 440 350 18 17 27 170.2 99.1 175.0 6.0 4.5 1800A Stud Receptacle[†] or SAE 3/8" 12 680 250 370 300 16 184.7 79.0 169.4 7.0 220 16 24 5.6 18004 M6 925 460 625 500 27 52 168.6 179.0 128.0 2400A 12 380 28 6.8 or SAE 3/8" Recentacle M6 Receptacle^T or SAE 3/8" 172.7 1200 680 725 42 40 199 9 169.1 17 4 4.5 26004 12 550 860 78 6.8 SAF 12 1220 470 680 960 860 70 64.8 135 302.0 175.0 190.0 20.7 5.7 2200A TOP SAF SIDE 3/8" 12 920 815 177.5 3100A 1230 730 1050 55 50 100 240.3 201 2 20.6 6.8 2.5 12 1350 615 770 1080 960 95 88.5 195 377.0 175.0 190.0 27.4 SAF 4.2 2900A 12 1400 820 1040 1150 850 65 55 125 240.3 173.7 220.7 22.7 SAE 7.9 2.5 3100A 1400 1040 850 55 12 820 1150 65 125 240.3 173.7 220.7 22.7 SAE 7.9 2.5 3100A 12 1500 880 1120 1250 1050 68 62 135 275.6 171.7 198.6 22.4 6.8 2.5 3100A SAE 1050 198.6 8" Stud (Pos.) 5/16" Stud 12 1500 880 1120 1250 68 62 135 275.6 171.7 22.4 7.9 3100A (Neg.) TOP SAE SIDE 3/8" 198.6 12 1500 880 1120 1250 1050 68 62 135 275.6 177.5 22.4 6.8 2.5 3100A M6 12 1700 875 1110 1325 1175 68 65 142 330.7 168.2 176.0 27.6 Receptacle^T or SAE 3/8" 6.8 3.5 3500A 12 1750 182.9 930 1180 1350 1070 74 65 135 300.5 188.7 26.3 SAE 7.9 2.0 5000A 12 1800 1300 1660 1600 1450 214 190 475 582.0 125.0 317.0 60.0 M10 Stud 9.0 3.3 3800 3/8" Stud o 12 2150 1150 1470 1545 1370 100 92 205 330.2 172.7 239.0 35.3 16.9-22.6 2.2 5000A SAF 8" Stud (Pos 5/16" Stud 12 2150 1150 1470 1545 1370 100 92 205 330.2 172.7 240.5 35.3 16.9-22.6 2.2 5000A (Neg.) Dual SAE/DIN 11.0 2250 1550 12 1225 1570 1730 126 114 240 286.0 269.0 233.0 39.0 2.1 5000A and 3/8"Stud

TERMINAL LAYOUTS



WARRANTY:

EnerSys® Energy Products Inc. ("Manufacturer") warrants its ODYSSEY® batteries (hereafter referred to as "Battery") to be free of defects in material and workmanship for the earlier of (a) the Applicable Warranty Period or (b) within 400 cycles to 80% depth of discharge, whichever occurs first. The Applicable Warranty Period is two (2) years for power sports applications; three (3) years in automotive, marine, commercial, and industrial applications; and four (4) years in the case of the 75/86-PC1230, 25-PC1400, 35-PC1400, 34-PC1500, 34M-PC1500, 34/78-PC1500, 65-PC1750, 31-PC2150, 31M-PC2150 and PC2250 batteries. The Applicable Warranty Period begins from the date of purchase with original receipt, or, if no receipt is available, from Manufacturer's shipping date. Within the Applicable Warranty Period, the Battery will be replaced free of charge if adjustment is necessary due to defect in material or workmanship (not merely discharged). Simply return the Battery to any authorised ODYSSEY battery dealer with the original receipt for a replacement. This warranty may vary from country to country; contact your authorised ODYSSEY battery wholesaler or dealer for the applicable warranty.

***Optional Reversed Polarity (L)

GENERAL PROVISIONS

A. Manufacturer has no obligation under the limited warranty set forth above in the event the Battery is damaged or destroyed as a result of one or more of the following:

- Willful abuse or neglect or if the top decorative cover has been
- Natural forces such as wind, lightning, hail; damage due to fire, collision, explosion, vandalism, theft, penetration or opening of the Battery case in any manner.
- Overcharging, undercharging, charging or installing in reverse polarity, improper maintenance, allowing the Battery to be deeply discharged via a parasitic load or mishandling of the Battery such as but not limited to using the terminals for lifting or carrying the Battery. Trickle chargers that do not have a regulated trickle charge voltage between 13.5V and 13.8V (no lower than 13.5V and no higher than 13.8V) will cause early failure of the Battery. Use of such chargers with the Battery will also void the Battery's warranty.

- Failure to properly install the Battery or lack of metal jacket for high temperature or vibration applications.
- Normal deterioration in the electrical qualities or the acceleration of such deterioration due to conditions that accelerate such deterioration.
- If the Battery is used for an application that requires higher cranking power or a greater reserve rating than the Battery is designed to deliver, or the Battery capacity is less than the Battery capacity specified by the vehicle manufacturer, or the Battery is otherwise used in applications for which it was not designed.

B. To obtain warranty service:

- 1. Return the Battery to any authorised ODYSSEY battery wholesaler or dealer.
- 2. If the Battery is determined to be defective for material or workmanship under terms of this limited warranty, it will be

THIS LIMITED WARRANTY IS IN LIEU OF, AND MANUFACTURER DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES. STATUTORY. EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER'S EXCLUSIVE LIABILITY FOR BREACH OF WARRANTY SHALL BE TO REPLACE THE BATTERY WITHIN THE EFFECTIVE WARRANTY PERIOD, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR ANY LOSS OR DAMAGES OF ANY OTHER KIND, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL. EXEMPLARY, SPECIAL OR OTHERWISE. NOR SHALL MANUFACTURER BE LIABLE FOR ANY REMOVAL OR INSTALLATION EXPENSE, OR THE LOSS OF TIME OR PROFITS.

Some countries and/or states do not allow limitation on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you This warranty gives you specific legal rights, which may vary from country to country and/or state to state.

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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