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› ODYSSEY ODS-AGM30E Vehicle Battery Instruction Manual

## ODYSSEY ODS-AGM30E

# ODYSSEY ODS-AGM30E Vehicle Battery Instruction Manual

## 1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your ODYSSEY ODS-AGM30E Vehicle Battery. Please read this manual thoroughly before operating or installing the battery to ensure proper function and safety.



An image of the ODYSSEY ODS-AGM30E Extreme Series AGM battery, featuring a red top and black body. The label displays key specifications and safety warnings.

## 2. SAFETY INFORMATION

**WARNING: This is a NONSPILLABLE Lead Acid AGM Battery with TPPL Technology.**

- **WARNING:** Cancer and Reproductive Harm. Wash hands after handling. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).
- **WARNING:** Risk of fire, explosion, or burns. Do not disassemble or incinerate the battery.
- Ventilate spaces well where the battery is used or charged.
- If jump starting, refer to your vehicle manufacturer's instructions.
- This battery is not recommended for inverted use.

## 2.1. DANGER / POISON

- **SHIELD EYES:** Explosive gases can cause blindness or injury.
- **NO SPARKS, FLAMES, SMOKING:** Avoid ignition sources near the battery.
- **SULFURIC ACID:** Can cause blindness or severe burns.
- If acid contacts eyes, flush immediately with water and get medical help fast.
- Keep out of the reach of children.
- Read all instructions before use.
- Do not open the battery.
- Repair should only be performed by a qualified service technician.

**Recycling:** This battery must be recycled properly. Do not dispose of with household waste.

## 3. PRODUCT OVERVIEW

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The ODYSSEY ODS-AGM30E is a high-performance, non-spillable Lead Acid AGM (Absorbed Glass Mat) battery designed with Thin Plate Pure Lead (TPPL) Technology for superior power and durability.

### Key Specifications:

- **Model:** ODS-AGM30E
- **Voltage:** 12V
- **Capacity:** 34Ah
- **Cold Cranking Amps (CCA):** 400
- **Pulse Hot Cranking Amps (PHCA):** 950
- **Reserve Capacity:** 60 minutes
- **Terminal Type:** SAE Terminal
- **Item Weight:** 20 Pounds
- **Package Dimensions:** 10 x 7 x 4 inches

## 4. SETUP AND INSTALLATION

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Proper installation is crucial for the battery's performance and longevity. Always refer to your vehicle's owner's manual for specific installation procedures.

1. Ensure the vehicle's ignition is off and all accessories are disconnected.
2. Locate the existing battery. Disconnect the negative (-) terminal first, followed by the positive (+) terminal.

3. Carefully remove the old battery.
4. Place the ODYSSEY ODS-AGM30E battery in the battery tray, ensuring it is securely fastened to prevent movement.
5. Connect the positive (+) terminal first, then the negative (-) terminal.
6. Tighten the terminal connections. The recommended terminal torque is **3.9 Nm max (35 in lbs)**. Overtightening can damage the terminals.
7. Verify all connections are secure and free from corrosion.

**Important:** For jump starting procedures, always consult your vehicle manufacturer's instructions. This battery is not designed for inverted use.

## 5. OPERATING INSTRUCTIONS

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The ODYSSEY ODS-AGM30E battery is designed for reliable performance in various applications.

### 5.1. Charging

For optimal battery life and performance, adhere to the following charging parameters:

- **Cyclic Charge Voltage:** 14.4-14.8V at 25°C (77°F)
- **Float Charge Voltage:** 13.5-13.8V at 25°C (77°F)
- There is **No Initial Charge Current Limit** for this battery type.
- Always ensure adequate ventilation in the charging area.

Use a charger compatible with AGM batteries. Avoid overcharging or undercharging, as both can reduce battery life.

## 6. MAINTENANCE

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The ODYSSEY ODS-AGM30E is a maintenance-free battery, but periodic checks can help ensure its longevity.

- Keep the battery terminals clean and free from corrosion. Use a wire brush and a mixture of baking soda and water to clean any corrosion, then rinse with clean water and dry thoroughly.
- Ensure battery hold-downs are secure to prevent vibration damage.
- Regularly check the battery's voltage, especially if the vehicle is stored for extended periods. Recharge if the voltage drops below 12.5V.
- Always keep the battery out of the reach of children.

## 7. TROUBLESHOOTING

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If you experience issues with your ODYSSEY ODS-AGM30E battery, consider the following common troubleshooting steps:

- **No Power/Dim Lights:** Check battery terminals for corrosion or loose connections. Ensure the battery is fully charged.
- **Slow Cranking:** This often indicates a low state of charge. Recharge the battery. If the issue persists, have the battery and charging system tested by a qualified technician.

- **Battery Not Holding Charge:** Verify that the vehicle's charging system (alternator) is functioning correctly. If the charging system is fine, the battery may need to be replaced.
- **Unusual Odor:** A strong, sulfur-like smell can indicate overcharging or internal damage. Disconnect the battery immediately and have it inspected by a qualified technician.

For complex issues or if you are unsure, always consult a qualified service technician. Do not attempt to open the battery.

## 8. SPECIFICATIONS

Feature	Specification
Brand	ODYSSEY
Model Number	ODS-AGM30E
Type	Non-spillable Lead Acid AGM (TPPL Technology)
Voltage	12V
Capacity	34Ah
Cold Cranking Amps (CCA)	400
Pulse Hot Cranking Amps (PHCA)	950
Reserve Capacity	60 minutes
Cyclic Charge Voltage (25°C)	14.4-14.8V
Float Charge Voltage (25°C)	13.5-13.8V
Initial Charge Current Limit	None
Terminal Torque (Max)	3.9 Nm (35 in lbs)
Terminal Type	SAE Terminal
Item Weight	20 Pounds
Package Dimensions	10 x 7 x 4 inches
Manufacturer	Odyssey Batteries (EnerSys)
Country of Origin	UK
UPC	635241141955

## 9. WARRANTY INFORMATION

For detailed warranty information regarding your ODYSSEY ODS-AGM30E battery, please refer to the official ODYSSEY Battery website or contact customer support directly. Warranty terms and conditions may vary based on region and purchase location.

## 10. SUPPORT AND CONTACT

If you require further assistance or have questions not covered in this manual, please contact ODYSSEY Battery support:

- **Manufacturer:** EnerSys (ODYSSEY Batteries)
- **Phone:** 800-964-2837
- **Website:** [www.odysseybattery.com](http://www.odysseybattery.com)
- **Support Literature:** [www.odysseybattery.com/Support/Literature](http://www.odysseybattery.com/Support/Literature)