

Interstate Batteries MT-75

Interstate Batteries MT-75 Group 75 Automotive Battery User Manual

Model: MT-75

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Interstate Batteries MT-75 Group 75 Automotive Battery. Please read this manual thoroughly before handling or installing the battery to ensure proper usage and to prevent injury or damage. Keep this manual for future reference.

2. SAFETY INFORMATION

WARNING: Batteries contain sulfuric acid and produce explosive gases. Improper handling can cause severe injury or death. Always follow these safety precautions:

- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and protective clothing when handling batteries.
- **Ventilation:** Ensure adequate ventilation when charging or working near batteries to disperse explosive gases.
- **No Smoking/Open Flames:** Keep sparks, flames, and smoking materials away from batteries.
- **Acid Contact:** If battery acid contacts skin or eyes, flush immediately with water for at least 15 minutes and seek medical attention.
- **Lifting:** Batteries are heavy. Use proper lifting techniques or assistance to avoid injury.
- **Short Circuits:** Do not allow metal tools or jewelry to contact both battery terminals simultaneously, as this can cause a short circuit, sparks, and severe burns.
- **Disposal:** Recycle used batteries responsibly. This product includes a refundable core deposit. Return your used battery to an Interstate All Battery Center for proper recycling.

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PRODUCT OVERVIEW

The Interstate Batteries MT-75 is a Group 75 automotive battery designed for reliable starting power and performance in various vehicles. It features a 12V nominal voltage and delivers 650 Cold Cranking Amps (CCA), with a reserve capacity of 93 minutes. This flooded, non-AGM battery is engineered for durability and consistent power delivery.



Figure 1: Front view of the Interstate Batteries MT-75 Group 75 Automotive Battery.



Figure 2: Top view of the Interstate Batteries MT-75, highlighting the positive and negative terminals and safety labels.

4. SETUP AND INSTALLATION

Battery installation should be performed by a qualified technician or an individual with experience in automotive electrical systems. Always refer to your vehicle's owner's manual for specific battery replacement procedures.

4.1 Preparation

- Ensure the vehicle's ignition is off and all accessories are disconnected.
- Wear appropriate safety gear (safety glasses, gloves).
- Gather necessary tools: wrench, battery terminal cleaner, battery terminal puller (if needed), anti-corrosion spray.

4.2 Removing the Old Battery

1. Locate the battery in your vehicle.
2. **Disconnect the negative (-) terminal first** to prevent accidental short circuits. Use a wrench to loosen the nut, then carefully remove the cable.

3. Next, disconnect the positive (+) terminal.
4. Remove any battery hold-down clamps or straps.
5. Carefully lift and remove the old battery. Be mindful of its weight and potential acid spills.

4.3 Installing the New Battery

1. Clean the battery tray and terminal clamps thoroughly with a wire brush and battery terminal cleaner.
2. Place the new Interstate MT-75 battery into the battery tray, ensuring it is seated securely.
3. Secure the battery with the hold-down clamps or straps.
4. **Connect the positive (+) terminal first.** Attach the positive cable to the positive terminal and tighten securely.
5. **Connect the negative (-) terminal next.** Attach the negative cable to the negative terminal and tighten securely.
6. Apply anti-corrosion spray or grease to the terminals to prevent corrosion.
7. Double-check all connections for tightness.

5. OPERATING INSTRUCTIONS

Once installed, the Interstate MT-75 battery operates automatically as part of your vehicle's electrical system. It provides power for starting the engine and running electrical accessories when the engine is off. The vehicle's charging system will recharge the battery during operation.

- Ensure all vehicle lights and accessories are turned off when the engine is not running for extended periods to prevent battery discharge.
- If the vehicle is stored for a long time, consider using a trickle charger to maintain battery charge.

6. MAINTENANCE

Regular maintenance helps extend the life and performance of your battery.

- **Keep Terminals Clean:** Periodically inspect battery terminals for corrosion. If corrosion is present, disconnect the battery (negative first, then positive) and clean the terminals and cable clamps with a wire brush and a mixture of baking soda and water. Rinse with clean water and dry thoroughly before reconnecting (positive first, then negative).
- **Check Hold-Down:** Ensure the battery is securely held in place to prevent vibration damage.
- **Fluid Levels (Flooded Battery):** For flooded batteries like the MT-75, check electrolyte levels periodically (if caps are removable). If low, add distilled water to the recommended level. Do not overfill.
- **Battery Charge:** If the vehicle is not used frequently, consider using a battery maintainer to keep the battery fully charged.

7. TROUBLESHOOTING

If you experience issues with your vehicle's starting or electrical system, the battery may be a factor. Here are some common troubleshooting steps:

- **Slow Cranking/No Start:** This often indicates a discharged or failing battery. Check battery voltage with a voltmeter. A fully charged 12V battery should read around 12.6V or higher.

- **Corroded Terminals:** Excessive corrosion can impede electrical flow. Clean terminals as described in the Maintenance section.
- **Loose Connections:** Ensure battery cables are securely fastened to the terminals.
- **Dim Lights/Flickering:** May indicate a low battery charge or a problem with the vehicle's charging system.

If these steps do not resolve the issue, it is recommended to have the battery and vehicle's charging system tested by a professional technician.

8. SPECIFICATIONS

Feature	Specification
Model Number	MT-75
Group Size	75
Voltage	12V
Cold Cranking Amps (CCA)	650 CCA
Reserve Capacity	93 minutes
Battery Type	Flooded, Non-AGM
Item Weight	32.6 pounds
Product Dimensions (L x W x H)	9 x 7 x 10 inches
Terminal Type	Top Post

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Interstate Batteries MT-75 Group 75 Automotive Battery comes with a**24-Month Free Replacement Warranty**. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the documentation provided at the time of purchase or visit the official Interstate Batteries website.


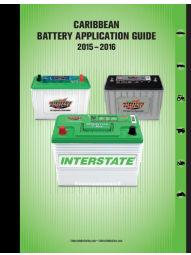

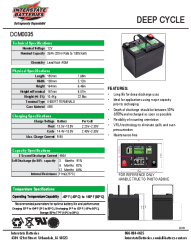


9.2 Core Deposit

The purchase price of this battery includes a refundable core deposit. To receive your deposit back, please return your used battery (core) to an authorized Interstate All Battery Center or participating retailer.

9.3 Customer Support

For technical assistance, warranty inquiries, or further information, please contact Interstate Batteries customer service or visit their official website. Contact details can typically be found on the product packaging or the manufacturer's website.

Related Documents - MT-75

	<p>Interstate Battery Application Guide 2023: Find Your Perfect Battery</p> <p>Explore the Interstate Battery Application Guide 2023 for comprehensive battery selection. Find the right Interstate battery for automotive, heavy-duty, powersports, and more, covering 2000-2023 model years and vintage vehicles. Includes specifications, maintenance tips, and testing procedures.</p>
	<p>Interstate Batteries Caribbean Battery Application Guide 2015-2016</p> <p>This comprehensive guide from Interstate Batteries helps consumers and professionals select the right automotive battery for various applications. It covers battery types, performance factors, safety procedures, testing methods, and detailed specifications for 2015-2016 models.</p>
	<p>All About DCM SLA Batteries by Interstate Batteries</p> <p>A comprehensive guide to Deep Cycle AGM (SLA) batteries from Interstate Batteries, covering their features, differences from other battery types, charging methods, shelf life, life expectancy, and connection configurations.</p>
	<p>Interstate Batteries DCM0035 Deep Cycle SLA/AGM Battery: Specifications, Features, and Care Guide</p> <p>Comprehensive details on the Interstate Batteries DCM0035 12V 35Ah Deep Cycle SLA/AGM battery, including technical specifications, charging parameters, capacity, temperature ratings, key features, and essential care instructions for optimal performance and longevity.</p>
	<p>Interstate Batteries SLA1116 General Purpose Sealed Lead Acid Battery: Specifications, Performance, and Care Guide</p> <p>Explore the detailed technical specifications, physical dimensions, charging parameters, and capacity data for the Interstate Batteries SLA1116 12V 18Ah General Purpose Sealed Lead Acid Battery. This document also provides essential battery care instructions for optimal life and performance, along with a comprehensive list of compatible OEM models.</p>
	<p>Interstate JMP3500 Jump Starter User Manual</p> <p>User manual for the Interstate JMP3500 Charge & Go Max jump starter, detailing safety, product description, battery level indicator, LED flashlight modes, recharging, charging electronic devices, powering DC 12V devices, and jump starting a vehicle. Includes technical specifications.</p>