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## Interstate Batteries DCM0100

# Interstate Batteries 12V 110 AH SLA/AGM Deep Cycle Battery User Manual

Model: **DCM0100** | Brand: **Interstate Batteries**

## 1. PRODUCT OVERVIEW

The Interstate Batteries DCM0100 is a professional-grade, high-quality 12V 110 AH Sealed Lead-Acid (SLA) / Absorbed Glass Mat (AGM) deep cycle battery. It is designed for applications requiring sustained power over long periods, offering longer life and more cycles for deep discharge usage.

This battery is ideal for various applications including RVs, solar power systems, trolling motors, wheelchairs, and other mobility devices. Its construction ensures it is rechargeable, maintenance-free, and spill-proof due to its AGM and Valve Regulated Lead-Acid (VRLA) technology.



Image: Top view of the Interstate Batteries DCM0100, highlighting its 12V 110 AH rating and nonspillable deep cycle AGM technology.



Image: The DCM0100 battery emphasizing its 12V, nonspillable, deep cycle, sealed lead-acid AGM characteristics.

## 2. SAFETY INFORMATION

**WARNING:** Batteries contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Wash hands after handling.

This product is not a replacement for golf cart batteries. Always ensure compatibility with your specific application before installation.

Observe the following safety precautions when handling and installing the battery:

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Avoid short-circuiting the battery terminals. A short circuit can cause severe burns, fire, or explosion.
- Do not open or disassemble the battery. It contains corrosive materials.
- Keep the battery away from open flames, sparks, and heat sources.
- Ensure adequate ventilation when charging or operating the battery.
- Due to the battery's weight (approximately 71.5 pounds), use proper lifting techniques or assistance to prevent injury.



### 3. SETUP AND INSTALLATION

The DCM0100 battery features insert terminals with bolts and is an Industry size Group 29. It is crucial to ensure proper connection and integration with your device's cables.

For detailed installation instructions specific to your application, please refer to the official documentation provided with your system or consult a qualified professional. Incorrect installation can lead to damage to the battery or connected equipment.

**Included in the Box:** Battery, Terminal Hardware (if applicable).



Image: The DCM0100 battery with its integrated handle, ready for installation.

#### 3.1. Physical Dimensions

Before installation, verify that the battery's dimensions fit your intended space:

**Length:** 12.99 inches (33.0 cm)

**Width:** 6.81 inches (17.3 cm)

**Height:** 8.35 inches (21.2 cm)



Image: Detailed dimensions of the DCM0100 battery for proper fitment.

## 4. OPERATING INSTRUCTIONS

The Interstate Batteries DCM0100 is a deep cycle battery designed for applications requiring consistent power delivery over extended periods. It is not intended for engine starting (cranking) applications where high burst current is needed.

### 4.1. Typical Applications

This battery is suitable for:

- Recreational Vehicles (RVs)
- Solar Power Systems
- Trolling Motors
- Wheelchairs and Mobility Scooters
- Backup Power Supplies
- ATVs and other similar vehicles (excluding engine starting)





Image: Visual representation of common applications for the DCM0100 deep cycle battery.

## 4.2. Charging

Use a charger specifically designed for 12V AGM deep cycle batteries. Refer to your charger's manual for proper charging procedures and settings. Overcharging or undercharging can reduce battery life.

Recommended charging voltage at 77°F (25°C):

**Float Charge:** 13.5V to 13.8V

**Cycle Charge:** 14.4V to 14.7V

Ensure the battery is charged in a well-ventilated area.

## 5. MAINTENANCE

The DCM0100 is a maintenance-free battery due to its sealed AGM and VRLA technology. This design eliminates the need for electrolyte level checks or water additions.

To ensure optimal performance and longevity:

- Keep the battery terminals and casing clean and free of dirt or corrosion. Use a damp cloth to wipe down the

exterior.

- Periodically check terminal connections to ensure they are secure.
- Store the battery in a cool, dry place when not in use, and ensure it is fully charged before storage. Recharge every 3-6 months during extended storage to prevent sulfation.

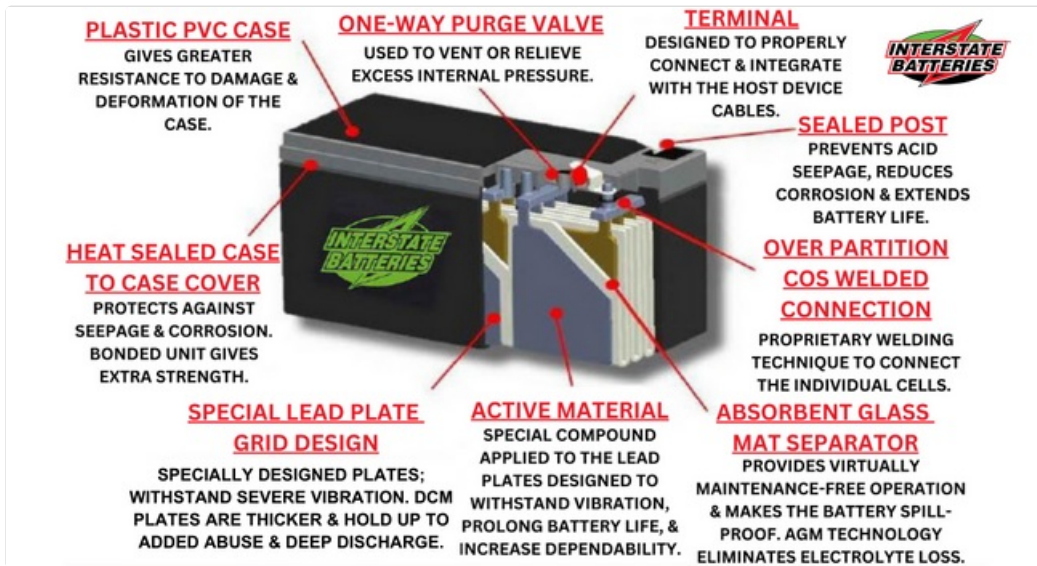


Image: Internal components of the DCM0100 battery, illustrating its sealed, maintenance-free design.

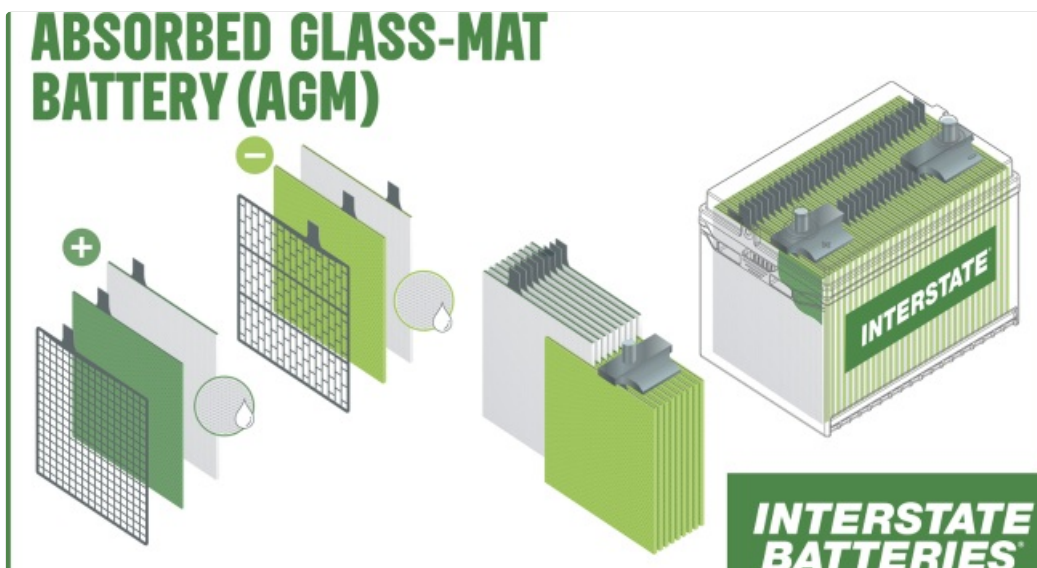


Image: Explanation of Absorbed Glass-Mat (AGM) technology, which makes the battery spill-proof and maintenance-free.

## 6. TROUBLESHOOTING

If you experience issues with your DCM0100 battery, consider the following common troubleshooting steps:

- **No Power/Low Voltage:**
  - Check all cable connections for tightness and corrosion.
  - Verify the charger is functioning correctly and providing the appropriate voltage.
  - Ensure the battery has been fully charged.
- **Reduced Runtime:**
  - Confirm the battery is being fully charged after each use.
  - Check for excessive load on the battery.

- Battery may be nearing the end of its service life.

For more comprehensive troubleshooting, please refer to the official [Troubleshooting Guide \(PDF\)](#) available from Interstate Batteries.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Interstate Batteries
Model	DCM0100 (Deep Cycle AGM)
Voltage	12V
Amp Hours (AH)	110 AH
Product Dimensions (LxWxH)	12.99" x 6.81" x 8.35"
Item Weight	71.5 pounds
Terminal Type	Insert Terminals (with bolt)
Industry Size Group	Group 29
Battery Type	SLA/AGM Deep Cycle
UPC	656489188052

## 8. WARRANTY AND SUPPORT

The Interstate Batteries DCM0100 comes with a **12-Month Performance Warranty**. For any warranty claims or questions regarding your battery, please contact Interstate Batteries directly.

You can visit the official [Interstate Batteries Store on Amazon](#) for more information and support resources.

Additional resources:

- [Instructions for Use \(IFU\) \(PDF\)](#)
- [User Guide \(PDF\)](#)

## 9. RECYCLING INFORMATION


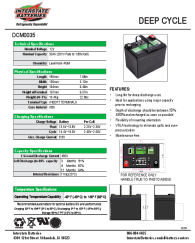


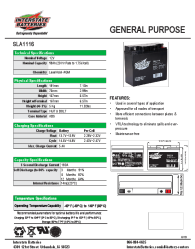
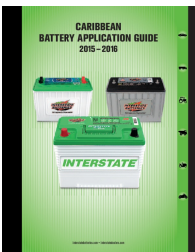
Interstate Batteries is committed to environmental responsibility. We encourage the recycling of all used batteries.

Please return your used battery to an [Interstate All Battery Center](#) near you or a certified battery recycling facility. Proper recycling prevents harmful materials from entering the environment and supports sustainable practices.



Image: Interstate Batteries Green Standard logo, promoting battery recycling.

## Related Documents - DCM0100

	<p><a href="#">All About DCM SLA Batteries by Interstate Batteries</a></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><a href="#">Interstate Batteries DCM0035 Deep Cycle SLA/AGM Battery: Specifications, Features, and Care Guide</a></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><a href="#">Interstate Battery Application Guide 2023: Find Your Perfect Battery</a></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><a href="#">How to Care for Your Sealed Lead Acid Battery   Interstate Batteries</a></p> <p>A comprehensive guide from Interstate Batteries on maintaining and extending the life of sealed lead acid batteries, covering essential steps like charger checks, proper charging, regular maintenance, and battery usage best practices for SLA, AGM, VRLA, and GEL types.</p>
	<p><a href="#">Interstate Batteries SLA1116 General Purpose Sealed Lead Acid Battery: Specifications, Performance, and Care Guide</a></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><a href="#">Interstate Batteries Caribbean Battery Application Guide 2015-2016</a></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>