

Zoeller 10-0761

Zoeller Aquanot 12V Deep Cycle Wet Battery

Model: 10-0761

INTRODUCTION

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your Zoeller Aquanot 12V Deep Cycle 83AH Wet Battery, Model 10-0761. This battery is designed to provide reliable backup power for DC sump pump systems. Please read this manual thoroughly before installation and operation to ensure proper function and longevity of the product.

SAFETY INFORMATION

WARNING: Batteries contain sulfuric acid, which is corrosive. Improper handling can cause severe burns and injury. Always wear appropriate personal protective equipment.

- Always wear eye protection and protective gloves when handling the battery.
- Ensure adequate ventilation when charging or operating the battery to prevent accumulation of explosive gases.
- Keep sparks, flames, and smoking materials away from the battery.
- Do not short-circuit battery terminals.
- Keep out of reach of children.
- Follow all local regulations for battery disposal.

PRODUCT OVERVIEW

The Zoeller Aquanot 10-0761 is a 12V deep cycle wet battery specifically designed for use with battery backup sump pump systems. It provides extended run time during power outages, ensuring your sump pump continues to operate.



Image of the Zoeller 10-0761 Aquanot 12V Deep Cycle 83AH Wet Battery, showing its compact design and terminal posts.

Key Features:

- **12V Deep Cycle Design:** Optimized for sustained power delivery over long periods.
- **83AH Capacity:** Provides approximately 5-7 hours of continuous run time for typical DC backup systems.
- **Wet Cell Technology:** Allows for easy monitoring and maintenance of electrolyte levels.
- **Compatibility:** Works with various battery backup sump pump systems.

SETUP

1. Unpacking and Inspection:

- Carefully remove the battery from its packaging.
- Inspect the battery for any signs of damage, such as cracks, leaks, or corroded terminals. Do not use a damaged battery.

2. Placement:

- Place the battery in a clean, dry, well-ventilated area, away from direct sunlight and heat sources.
- Ensure the battery is placed on a level, non-conductive surface.
- Maintain sufficient clearance around the battery for air circulation.

3. Initial Preparation (if applicable):

- Some wet cell batteries may require initial filling with electrolyte (sulfuric acid solution) or distilled water. Refer to any specific instructions included with your battery for initial preparation. **This battery is typically shipped pre-filled.**
- If adding water, use only **distilled water**. Do not use tap water.

4. Connecting to the Sump Pump System:

- **Refer to the instruction manual of your specific sump pump backup system for detailed wiring diagrams and connection procedures.**
- Ensure the sump pump system's power is OFF before making any connections.
- Connect the positive (+) terminal of the battery to the positive (+) terminal of the sump pump system.
- Connect the negative (-) terminal of the battery to the negative (-) terminal of the sump pump system.
- Ensure all connections are tight and secure to prevent arcing and ensure optimal performance.
- Apply a thin layer of dielectric grease or anti-corrosion spray to the terminals to prevent corrosion.

OPERATING

Once properly installed and connected to a compatible sump pump backup system, the Zoeller Aquanot battery operates automatically.

- The sump pump backup system will monitor the main power supply and the battery's charge level.
- During a power outage, the system will automatically switch to battery power, allowing the sump pump to continue operating.
- The battery is designed to provide approximately 5-7 hours of continuous run time, depending on the load of the sump pump and its frequency of operation.
- When main power is restored, the sump pump system's charger will automatically recharge the battery.

MAINTENANCE

Regular maintenance is crucial for extending the life and ensuring the reliability of your wet cell battery.

1. Check Electrolyte Levels (Monthly):

- With the battery charger disconnected, carefully remove the vent caps.
- Check the electrolyte level in each cell. The liquid should cover the plates by approximately 1/2 inch (1.25 cm) or reach the designated fill line.
- If the level is low, add only **distilled water** until the correct level is reached. Do not overfill.
- Replace the vent caps securely.

2. Clean Terminals (Quarterly or as needed):

- Disconnect the battery from the sump pump system.
- Inspect terminals for corrosion (white or bluish powder).
- Clean corroded terminals with a wire brush and a solution of baking soda and water (1 tablespoon baking soda per cup of water).

- Rinse with clean water and dry thoroughly.
- Apply a thin layer of dielectric grease or anti-corrosion spray to the clean terminals before reconnecting.

3. Check Connections (Quarterly):

- Ensure all battery cable connections are tight and secure. Loose connections can cause poor performance and heat buildup.

4. Ventilation:

- Always ensure the battery area is well-ventilated to prevent the buildup of hydrogen gas, especially during charging.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not holding charge / Short run time	Low electrolyte level, sulfation, faulty charger, old battery.	Check and add distilled water. Ensure charger is functioning. Battery may need replacement if old or severely sulfated.
Sump pump not activating during power outage	Battery discharged, loose connections, faulty sump pump system.	Check battery charge. Verify all connections are secure. Consult sump pump system manual for troubleshooting.
Corrosion on terminals	Acid fumes, loose connections.	Clean terminals thoroughly and apply anti-corrosion agent. Ensure connections are tight.
Battery overheating during charge	Overcharging, poor ventilation, internal battery fault.	Ensure proper ventilation. Check charger output. Discontinue use if overheating persists and consult a professional.

SPECIFICATIONS

- **Manufacturer:** Zoeller
- **Part Number:** 10-0761
- **Item Model Number:** 10-0761
- **Voltage:** 12V
- **Capacity:** 83AH (Ampere-Hours)
- **Battery Cell Type:** Lead Acid (Wet Cell)
- **Product Dimensions:** 13 x 6.75 x 9 inches (Length x Width x Height)
- **Item Weight:** 63.9 pounds
- **Material:** Plastic (Casing)
- **Usage:** Inside (for backup sump pump systems)
- **Included Components:** Battery Only

WARRANTY INFORMATION

Specific warranty details for the Zoeller Aquanot 10-0761 battery are typically provided at the point of purchase or can be found on the official Zoeller Pump Company website. Please retain your purchase receipt as proof of purchase for any warranty claims. It is recommended to register your product with Zoeller, if applicable, to ensure full warranty coverage.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Zoeller Pump Company customer service. You can typically find their contact information (phone number, email, or support portal) on their official website:

[Visit Zoeller Pump Company Website](#)

When contacting support, please have your product model number (10-0761) and date of purchase readily available.