

# Owner's Manual & Safety Instructions

**Save This Manual** Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures.

Write the product's serial number in the back of the manual (or month and year of purchase if product has no number).

Keep this manual and the receipt in a safe and dry place for future reference.

22g

## THUNDERBOLT MAGNUM™ solar

56770

### 12 VOLT, 35 AMP HOUR SEALED LEAD-ACID battery



Visit our website at: <http://www.harborfreight.com>

Email our technical support at: [productsupport@harborfreight.com](mailto:productsupport@harborfreight.com)

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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#### **⚠️ WARNING**

Read this material before using this product. Failure to do so can result in serious injury. **SAVE THIS MANUAL.**

# IMPORTANT SAFETY INFORMATION

**POISON! To prevent serious injury and death:**

1. SULFURIC ACID, MAY CAUSE SEVERE BURNS.
2. KEEP OUT OF REACH OF CHILDREN.
3. WEAR ANSI-APPROVED SAFETY GOGGLES WHILE CONNECTING, DISCONNECTING, OR CHARGING.
4. DO NOT SHORT, INCINERATE, OPEN, OR TIP BATTERY.
5. CHARGE USING CHARGE REGULATOR DESIGNED FOR THIS BATTERY TYPE AND RATING ONLY.
6. DO NOT CHARGE IN SEALED CONTAINER.
7. INSPECT BEFORE EVERY USE; DO NOT USE OR CHARGE IF DAMAGED.
8. IF ACID ELECTROLYTE CONTACTS EYES/SKIN, IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
9. LEAD BATTERY MUST BE RECYCLED.
10. Avoid over-discharge and deep discharge.
11. VENTILATE WHEN CHARGING AND DURING USE.

## Charging Instructions

**IMPORTANT:** Battery condition and charge amperage must be monitored while charging to prevent battery damage.

**WARNING! TO PREVENT SERIOUS INJURY:** Only use a charger designed for this specific type of battery: Sealed 12V, 35Ah, AGM, Lead-acid battery. Other chargers may damage the battery and lead to fire and other hazards.

**Note:** This Battery is factory charged. That initial charge should last about 3 months.

1. If the Battery is less than 3 months old, give it a supplementary charge before first use.  
**Be careful not to overcharge the battery.**
2. If the Battery is more than 3 months old, charge it fully before first use.
3. Stop charging when the amperage remains stable for 3 hours.
4. If the Battery is going to be stored, attach it to an automatic float charger designed for this battery type and capacity: Sealed 12V, 35Ah, AGM, Lead-acid battery.

## Connection Instructions

**CAUTION! To prevent injury and burns from short circuit, remove watches and jewelry before connection.**

1. Use Nuts and Bolts to attach cables to Terminals, and tighten securely.
2. **Avoid Battery damage – DO NOT OVERTIGHTEN.**

**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Replacement parts are not available. Reference UPC 193175350749.

## Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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**MAGNUM**