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- › [Xtorm](#) /
- › [Xtorm Magma AM116 Solar Charger Flashlight User Manual](#)

Xtorm AM116

Xtorm Magma AM116 Solar Charger Flashlight User Manual

MODEL: AM116



An overhead view of the Xtorm Magma AM116 Solar Charger Flashlight, showcasing its solar panel and USB output port.

INTRODUCTION

The Xtorm Magma AM116 is a versatile solar charger and flashlight designed for outdoor use. It integrates a 3000mAh Li-polymer battery, allowing you to charge mobile devices via its USB output and providing illumination with its built-in flashlight. The device can be recharged through its high-efficiency solar panel or via a USB connection.

SETUP

Before initial use, fully charge the Xtorm Magma AM116.

1. **Unpack the Device:** Remove the Xtorm Magma AM116 and the included USB cable from its packaging.
2. **Initial Charging via USB:** For the fastest initial charge, connect the small end of the provided USB cable to the 'In' port on the device. Connect the other end of the USB cable to a USB power adapter (not included) or a computer's USB port. The LED indicator lights will illuminate to show the charging status. Allow the device to charge until all indicator lights are solid, indicating a full charge.
3. **Understanding Indicator Lights:** The device features LED lights that indicate the battery charge level and charging status. Refer to the 'Operating the Device' section for details on interpreting these lights.



A side view of the Xtorm Magma AM116, highlighting the 'In' (Micro USB) and 'Out' (USB-A) ports for charging.

OPERATING THE DEVICE

This section details how to use the Xtorm Magma AM116 for charging external devices, utilizing solar power, and operating the integrated flashlight.

Charging External Devices

1. **Connect Your Device:** Use your device's charging cable to connect it to the 'Out' USB port on the Xtorm Magma AM116.
2. **Charging Begins:** The Xtorm Magma AM116's internal battery will automatically begin charging your connected mobile device.
3. **Monitor Charge:** The LED indicator lights on the Xtorm Magma AM116 will show its remaining battery capacity.



The Xtorm Magma AM116 providing illumination and charging a device inside a tent, demonstrating its dual functionality.

Solar Charging

The Xtorm Magma AM116 features an integrated solar panel for recharging its internal battery using sunlight.

1. **Position for Sunlight:** Place the device with its solar panel facing directly towards the sun. For optimal efficiency, ensure no obstructions block the sunlight.
2. **Charging Indication:** A dedicated LED indicator (often green or blue) will light up when the solar panel is actively receiving sufficient sunlight for charging.
3. **Charging Time:** Solar charging is a supplementary charging method and is significantly slower than USB charging. Charging times vary based on sunlight intensity and duration.
4. **Using the Hook/Stand:** The adjustable hook allows you to hang the device in direct sunlight, for example, on a backpack or tree branch. The integrated stand can also be used to prop the device at an optimal angle for solar exposure.



The Xform Magma AM116 hanging from a tree branch, demonstrating its portability and solar charging capability in an outdoor setting.



A hand holding the Xtorm Magma AM16, clearly showing the solar panel on its surface.

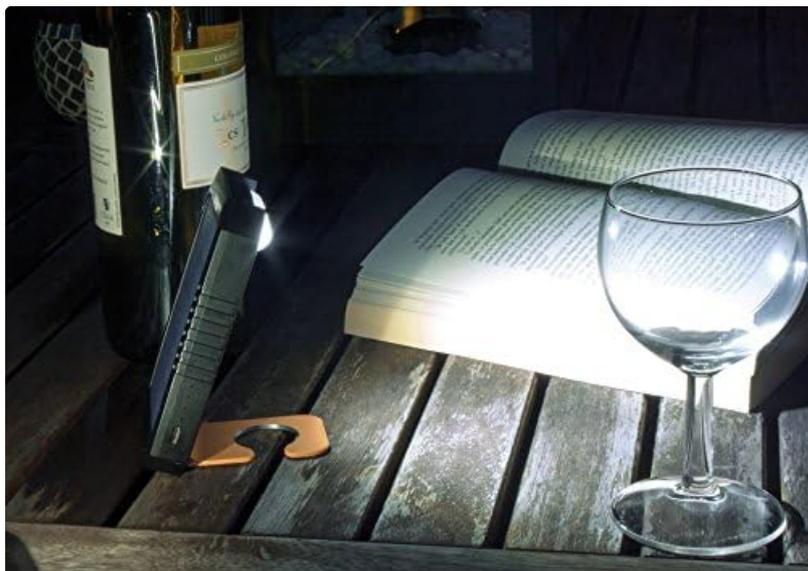
Flashlight Operation

The Xtorm Magma AM16 includes a multi-LED flashlight for illumination.

1. **Turn On/Off:** Locate the power button on the device. Press the button once to turn on the flashlight. Press it again to turn it off.
2. **Adjusting Light Direction:** The flashlight unit can often be rotated or adjusted to direct the light as needed. The integrated stand also helps in positioning the light for hands-free use.



The Xtorm Magma AM16 with its integrated kickstand extended, showcasing the flashlight in an upright position.



The Xtorm Magma AM16 flashlight illuminating a book on a wooden table, demonstrating its use as a reading light.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Xtorm Magma AM116.

- **Cleaning:** Keep the solar panel and device surface clean. Use a soft, dry, lint-free cloth to wipe away dust and dirt. Avoid abrasive cleaners or solvents that could damage the device.
- **Storage:** When not in use for extended periods, store the device in a cool, dry environment, away from direct sunlight and extreme temperatures. It is recommended to fully charge the device every 3-6 months to maintain battery health.
- **Environmental Conditions:** Avoid exposing the device to excessive moisture, rain, or submersion in water. While designed for outdoor use, it is not fully waterproof unless specified.
- **Battery Care:** The integrated Li-polymer battery performs best when not fully depleted regularly. Recharge the device as soon as convenient after significant use.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Xtorm Magma AM116.

- **Device Not Charging (via USB):**
 - Ensure the USB cable is securely connected to both the 'In' port of the Xtorm Magma AM116 and the power source.
 - Verify the USB power adapter or computer USB port is functional.
 - Check the USB cable for any damage. Try a different USB cable if available.
- **Device Not Charging (via Solar):**
 - Ensure the solar panel is exposed to direct, strong sunlight without any shadows or obstructions.
 - Clean the solar panel surface if it is dirty or dusty.
 - Note that solar charging is slower and less efficient in cloudy conditions or indirect light.
- **External Device Not Charging:**
 - Confirm that the Xtorm Magma AM116 has sufficient charge (check LED indicators).
 - Ensure your device's charging cable is properly connected to the 'Out' USB port of the Xtorm Magma AM116 and your external device.
 - Try using a different charging cable for your external device.
- **Flashlight Not Working:**
 - Verify the Xtorm Magma AM116 has adequate battery charge.
 - Press the power button firmly to activate the flashlight.

SPECIFICATIONS

The following are the technical specifications for the Xtorm Magma AM116 Solar Charger Flashlight:

Model Number	AM116
Battery Type	Lithium-Polymer
Battery Capacity	3000 mAh

Power Output	18 Watts
Input Port	USB (Micro USB for charging the device)
Output Port	1 x USB-A
Charging Source	Solar Powered, USB
Special Features	Integrated Flashlight, Adjustable Stand/Hook
Color	Black/Orange
Included Components	USB Cable, Quick Start Guide
GTIN / UPC	800258003071

WARRANTY AND SUPPORT

Warranty Information

Specific warranty terms and conditions for the Xtorm Magma AM116 are typically provided at the time of purchase or can be found on the official Xtorm website. Please retain your purchase receipt as proof of purchase for any warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your product, please visit the official Xtorm website or contact their customer service department. Contact details are usually available on the manufacturer's website or in the product packaging.