HYPERGEAR HYG-13681

HYPERGEAR HYG-13681 Solar Power Bank Instruction Manual

Model: HYG-13681

INTRODUCTION

The HYPERGEAR HYG-13681 is a portable solar power bank designed to provide reliable power for your electronic devices. It features a 10000mAh capacity, dual USB output, an integrated solar panel for emergency recharging, an LED flashlight, and a compass. This manual provides essential information for the safe and efficient use of your power bank.

Image: The HYPERGEAR HYG-13681 Solar Power Bank connected to multiple devices, illustrating its 10000mAh high capacity and ability to charge devices up to 4 times (based on iPhone 8).

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- HYPERGEAR HYG-13681 Solar Power Bank
- Micro USB Charging Cable
- Carabiner
- User Manual (this document)

Solar 10000mAh
Power Bank

Package Contents
Solar Power Bank
Micro USB Charging Cable
Carabiner
User Manual

Image: A visual representation of the HYPERGEAR HYG-13681 Solar Power Bank, its packaging, Micro USB charging cable, and included carabiner.

PRODUCT FEATURES

- **High Capacity:** 10000mAh Lithium Polymer battery for extended power.
- **Dual USB Output:** Two USB ports with a shared maximum output of 5V/2.1A for charging two devices simultaneously.
- **Smart Chip Technology:** Optimizes charging for connected devices.
- **Emergency Solar Panel:** Integrated solar panel for emergency recharging when conventional power sources are unavailable.
- **Durable Design:** Certified IPX5 water-resistant frame, suitable for outdoor use.
- **Built-in LED Flashlight:** Provides illumination in low-light conditions.
- **Integrated Compass:** Assists with navigation during outdoor activities.
- **Compact & Lightweight:** Designed for portability and travel-friendly use.
- **Safety Features:** Includes short-circuit and overload protection.

Image: The HYPERGEAR HYG-13681 Solar Power Bank positioned outdoors, emphasizing its IPX5 weather resistance and the integrated compass for navigation.

SETUP

Initial Charge

Before first use, fully charge the power bank using the provided Micro USB cable and a wall adapter (not included). This ensures the internal battery is conditioned for optimal performance.

1. Connect the Micro USB end of the charging cable to the power bank's input port.
2. Connect the USB-A end of the charging cable to a USB wall adapter or computer USB port.
3. The LED indicators on the power bank will illuminate to show charging progress. All LEDs will be solid when fully charged.

OPERATING INSTRUCTIONS

Charging the Power Bank

The power bank can be charged via Micro USB or its integrated solar panel.

Micro USB Charging (Recommended for primary charging)

1. Connect the Micro USB cable to the power bank's input port.
2. Connect the other end to a 5V/2A USB power source.
3. Monitor the LED indicators for charging status.

Solar Charging (For emergency use only)

The integrated solar panel is designed for emergency recharging and is not intended as the primary charging method due to slower charging speeds. For optimal solar charging, place the power bank in direct sunlight.

Image: The HYPERGEAR HYG-13681 Solar Power Bank mounted on a backpack, illustrating its use for emergency solar recharging while outdoors.

Charging External Devices

The power bank can charge two devices simultaneously.

1. Connect your device's USB charging cable to one of the power bank's USB output ports.
2. Connect the other end of the cable to your device.
3. The power bank will automatically begin charging your device. The LED indicators will show the remaining power level.

4. Disconnect your device once fully charged.

Image: The HYPERGEAR HYG-13681 Solar Power Bank actively charging two smartphones, demonstrating its dual USB output capability.

Using the LED Flashlight

The power bank includes a built-in LED flashlight for convenience.

- To turn on the flashlight: Press and hold the power button for approximately 3 seconds.
- To turn off the flashlight: Press and hold the power button again for approximately 3 seconds.

Using the Compass

The integrated compass is located on the back of the power bank and can be used for basic directional guidance during outdoor activities.

- For accurate readings, ensure the power bank is held flat and away from strong magnetic fields.

MAINTENANCE

- **Cleaning:** Wipe the power bank with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.

- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Health:** To maintain battery longevity, fully charge the power bank at least once every three months if not in regular use.
- **Water Resistance:** The device is IPX5 water-resistant, meaning it can withstand splashes and light rain. Do not submerge the device in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	o Charging cable is faulty or not properly connected. o USB power source is insufficient or faulty. o Solar panel is not receiving adequate direct sunlight.	o Check cable connections; try a different Micro USB cable. o Use a reliable 5V/2A USB wall adapter. o Ensure the solar panel is exposed to direct, strong sunlight. Note that solar charging is slow and for emergency use.
Device not charging from power bank	o Power bank battery is depleted. o Device's charging cable is faulty or not properly connected. o Device is incompatible or has specific charging requirements.	o Recharge the power bank fully. o Check cable connections; try a different USB charging cable for your device. o Ensure your device is compatible with 5V/2.1A USB charging.
Flashlight not working	o Power button not pressed correctly. o Power bank battery is too low.	o Press and hold the power button for 3 seconds to activate/deactivate. o Recharge the power bank.

SPECIFICATIONS

Model Number	HYG-13681
Battery Type	Lithium Ion Polymer
Capacity	10000mAh
Input	5V/2A (Micro USB)
Output	5V/2.1A Max (Shared across 2 USB ports)
Wattage	10.5 Watts
Dimensions	15.24 x 10.16 x 7.62 cm (6 x 4 x 3 inches)
Weight	330 g (0.73 lbs)

Water Resistance	IPX5
Special Features	Solar Panel, LED Flashlight, Compass, Short-circuit Protection, Overload Protection
Compatible Devices	Universal (e.g., Apple iPhone 8, LG 5450, various smartphones and tablets)

SAFETY INFORMATION

Please read and follow these safety guidelines to prevent damage to the device or injury:

- Do not expose the power bank to extreme temperatures (above 45°C / 113°F or below -10°C / 14°F).
- Do not disassemble, modify, or attempt to repair the device.
- Keep away from fire, water, and corrosive materials.
- Avoid dropping or subjecting the power bank to strong impacts.
- Do not use if the power bank appears swollen, damaged, or leaking.
- Keep out of reach of children.
- Dispose of the power bank responsibly according to local regulations for lithium-ion batteries.

WARRANTY AND SUPPORT

This product comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official HYPERGEAR website. For technical support or customer service inquiries, please contact HYPERGEAR customer support directly.