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> Vortex Solarhub Black 10 Solar Power Bank with Integrated Cables User Manual

## Vortex SOLARHUB\_BLACK\_10

# Vortex Solarhub Black 10 Solar Power Bank User Manual

Model: SOLARHUB\_BLACK\_10

## INTRODUCTION

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The Vortex Solarhub Black 10 is a versatile solar power bank designed to keep your devices charged on the go. Featuring a 10000mAh capacity, integrated charging cables (USB Type-C, Micro-USB, Lightning), and a solar charging panel, it provides convenient power for various situations. This manual provides instructions for safe and efficient use of your device.

## PACKAGE CONTENTS

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## PRODUCT OVERVIEW

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Familiarize yourself with the components of your Solarhub Black 10 power bank.



**Image 1:** Front view of the Vortex Solarhub Black 10, showing the solar charging panel, LED indicator, and integrated flashlight LEDs.



**Image 2:** Side view of the Vortex Solarhub Black 10, illustrating the integrated USB Type-C, Micro-USB, and Lightning charging cables, along with an additional USB-A output port.

1. Solar Charging Panel
2. LED Power Indicator (25/50/75/100%)
3. Integrated LED Flashlights
4. Power Button
5. Integrated USB Type-C Output Cable
6. Integrated Micro-USB Output Cable
7. Integrated Lightning Output Cable
8. USB-A Output Port
9. USB Type-C Input Port
10. Micro-USB Input Port

## CHARGING THE POWER BANK

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The Solarhub Black 10 can be charged via solar energy or through a wired connection.

## 1. Solar Charging

Place the power bank with the solar panel facing direct sunlight. The LED indicator will show charging progress. Solar charging is slower and primarily intended for emergency power or maintaining charge, not as a primary charging method.

## 2. Wired Charging

For faster and more efficient charging, use one of the wired input options:

- **USB Type-C Input:** Connect a USB Type-C cable to the power bank's USB Type-C input port and to a compatible USB wall adapter (not included). Input: DC 5V 2.1A.
- **Micro-USB Input:** Connect a Micro-USB cable to the power bank's Micro-USB input port and to a compatible USB wall adapter (not included). Input: DC 5V 2A.
- **Integrated USB-A Cable Input:** The integrated USB-A cable can also be used to charge the power bank itself. Connect the integrated USB-A cable to a compatible USB wall adapter (not included). Input: DC 5V 2A.

The LED indicator will show the current charge level (25%, 50%, 75%, 100%). When fully charged, all four LEDs will be solid.

## CHARGING YOUR DEVICES

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The Solarhub Black 10 can charge up to four devices simultaneously.

### 1. Using Integrated Cables:

- Connect the appropriate integrated cable (USB Type-C, Micro-USB, or Lightning) directly to your device's charging port.
- Output for Micro-USB: DC 5V 2A
- Output for USB Type-C: DC 5V 2A
- Output for Lightning: DC 5V 2.1A

### 2. Using the USB-A Output Port:

- Connect your device's charging cable (USB-A end) to the power bank's USB-A output port.
- Output for USB-A Port: DC 5V 2A

The power bank will automatically begin charging your device. The LED indicator will show the remaining power level of the power bank.

## USING THE LED FLASHLIGHT

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The Solarhub Black 10 includes two integrated LED flashlights.

- **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.

## MAINTENANCE AND CARE

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- Keep the power bank away from water, moisture, and extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or modify the power bank.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

- For optimal battery life, fully charge the power bank at least once every three months if not in regular use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging	Low or no sunlight for solar charging; faulty charging cable or adapter; power bank fully discharged.	Ensure direct sunlight for solar charging (note: solar is slow). Use a different USB cable and wall adapter for wired charging. Allow the power bank to charge for several hours.
Device not charging from power bank	Power bank is out of charge; incorrect cable connection; device not compatible.	Recharge the power bank. Ensure cables are securely connected. Verify device compatibility (compatible with all smartphones).
Flashlight not working	Power bank is out of charge; incorrect operation.	Recharge the power bank. Press and hold the Power Button for 3 seconds to activate/deactivate.

## SPECIFICATIONS

Feature	Detail
Model	SOLARHUB_BLACK_10
Brand	Vortex
Battery Capacity	10000 mAh
Power Output	10W
Input (Micro-USB Port)	DC 5V 2A
Input (USB Type-C Port)	DC 5V 2.1A
Input (Integrated USB-A Cable)	DC 5V 2A
Output (Integrated Micro-USB Cable)	DC 5V 2A
Output (Integrated USB Type-C Cable)	DC 5V 2A
Output (Integrated Lightning Cable)	DC 5V 2.1A
Output (USB-A Port)	DC 5V 2A
Material	PC + ABS
Compatibility	All smartphones

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Vortex website. Keep your proof of purchase for warranty claims.

**Website:** [www.vortex.com](http://www.vortex.com) (Note: This is a placeholder URL. Please refer to your product packaging for the correct

*support website.)*

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