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**BLAVOR e7d10a40-1726-4002-b7df-f6e57bbb6a87**

# BLAVOR W12Pro-Orange&Black 20,000mAh Solar Power Bank User Manual

Model: e7d10a40-1726-4002-b7df-f6e57bbb6a87

## INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your BLAVOR 20,000mAh PD 18W Fast Solar Charger with Foldable Panels. This high-capacity solar power bank is designed for outdoor enthusiasts and emergency preparedness, offering reliable power for your devices and integrated lighting solutions.



Image: Two BLAVOR W12Pro solar power banks, showcasing both the orange/black and all-black color variants. Each unit has its four solar panels extended and the powerful LED camping light activated, demonstrating their primary features.

## KEY FEATURES

- **Foldable Solar Panel Charger:** High capacity polymer lithium battery allows to charge your devices multiple times. Four premium foldable panels (Max 300MA/Panel) can produce Max 1.2A Current (under 25000lux sunlight) to recharge the power bank itself with solar power.

# FOUR PREMIUM SOLAR PANELS

Higher energy conversion rate



Image: The BLAVOR solar power bank with its four solar panels fully extended, highlighting its high energy conversion rate. Below, two insets demonstrate its robust design: one showing it being splashed with water (waterproof) and another showing it on a rocky surface (shockproof).

- **18W Fast Charging Power Bank:** Combined QC3.0 and Power Delivery fast charging technology, allows to charge your phone with max  $9V=2A/12V=1.5A/18W$  charging power. It will auto-pair your devices for the most appropriate charging results, greatly shortening your charging time.

# 18W PD QUICK CHARGER

Charge iPhone 14 to 55% in 30 minutes



Image: A BLAVOR power bank connected to an iPhone 14, illustrating its 18W PD Quick Charger capability. Graphics show 18W QC3.0 USB-A output and 18W USB-C PD input/output, indicating rapid charging for compatible devices.

- **3W Camping Light for Outdoor:** Equipped with premium eye-protection light, 32 bright LEDs with three brightness levels. You can adjust the brightness according to your needs, a versatile and practical charger for outdoor activities.



# OUTDOOR CAMPING LIGHT

Three Levels Brightness Adjustable  
Working Time Up to 24 hours



Image: The BLAVOR power bank's integrated camping light providing illumination inside a tent, demonstrating its utility for outdoor use.  
Below, three separate images show the distinct high, medium, and low brightness levels of the LED light.

- **Flashlight & Built-in Compass:** Three modes light works as SOS Flashlight and Strobe. Complementary built-in compass kit, a MUST-HAVE handy tool for outdoor enthusiasts and urgent situations like suddenly shutdown of power caused by typhoon, hurricane etc.
- **High Capacity:** 20,000mAh high capacity polymer lithium battery.

# 20000 mAh HIGH-CAPACITY

Widely compatible with multiple devices

iPhone 14	iPad Air	AirPods Pro Charging Case	Galaxy S22
4.6	2.0	25	4.2
times	times	times	times



Image: The BLAVOR power bank simultaneously charging an iPhone 14, iPad Air, AirPods Pro Charging Case, and Galaxy S22, demonstrating its 20,000 mAh high capacity and compatibility with multiple devices.

## WHAT'S IN THE BOX

- 1 x 20,000mAh Solar Charger
- 1 x Type C Cable
- 1 x Warranty Card
- 1 x User Manual

# PRODUCT DETAILS



Image: A detailed diagram of the BLAVOR solar power bank, clearly labeling its various components including USB-C In/Output, Micro USB Input, USB Output1, USB Output2, LED Flashlight, Outdoor Camping Light, Green Light Solar Charging Indicators, Blue Light Battery Indicators, Power Button, Solar Panel, Compass Kit, Metal Buckle, and Hanger.

Familiarize yourself with the different parts of your solar power bank:

- **USB-C In/Output:** For fast charging devices and recharging the power bank.
- **Micro USB Input:** Alternative port for recharging the power bank.

- **USB Output1 & USB Output2:** Standard USB-A ports for charging various devices.
- **LED Flashlight:** Integrated light for illumination.
- **Outdoor Camping Light:** Large LED panel for broader illumination.
- **Green Light, Solar Charging Indicators:** Indicate when solar charging is active.
- **Blue Light Battery Indicators:** Show the remaining battery capacity.
- **Power Button:** Activates the device, checks battery level, and controls lights.
- **Solar Panel:** Foldable panels for solar recharging.
- **Compass Kit:** Built-in compass for navigation.
- **Metal Buckle & Hanger:** For attaching the power bank to backpacks or other gear.

## SETUP

Before first use, it is recommended to fully charge your BLAVOR solar power bank using a wall adapter via the USB-C or Micro USB input port. This ensures the internal battery is fully conditioned for optimal performance.

1. Connect the provided Type C cable (or a Micro USB cable) to the corresponding input port on the power bank.
2. Connect the other end of the cable to a USB wall adapter (not included) or a computer's USB port.
3. The blue battery indicator lights will illuminate and flash, indicating charging is in progress. All four lights will be solid when fully charged.

## OPERATING INSTRUCTIONS

### Charging Your Devices

The power bank features multiple output ports to charge various electronic devices.

1. Connect your device's charging cable to one of the USB Output ports (USB1, USB2) or the USB-C In/Output port on the power bank.
2. The power bank will automatically begin charging your device. If not, press the Power Button once to initiate charging.
3. The blue battery indicator lights will show the remaining power.

# ALSO RECHARGE YOUR LAPTOP

Make sure your laptop is compatible with USB-C PD Protocols(12V 1.5A)



Image: A person sitting outdoors, using the BLAVOR solar power bank with its panels unfolded to charge a laptop, demonstrating its utility for remote work or outdoor activities.

## Recharging the Power Bank (Wall/USB)

For the fastest recharge, use a wall adapter:

1. Connect a USB-C cable to the USB-C In/Output port or a Micro USB cable to the Micro USB Input port.
2. Plug the other end into a compatible USB wall charger (18W PD recommended for fastest charging).
3. The blue battery indicators will flash during charging and remain solid when fully charged.

## Solar Charging

The foldable solar panels provide an emergency charging option when no other power source is available. Solar charging is slower than wall charging and is primarily for maintaining charge or emergency top-ups.

1. Unfold all four solar panels and place them directly under strong sunlight.
2. Ensure the panels are facing the sun at an optimal angle for maximum exposure.
3. The green solar charging indicator light will illuminate when solar charging is active.
4. For best results, avoid shadows and obstructions on the panels.

# BEST CHOICE FOR OUTDOOR

Never Run out of Power  
Large Capacity Solar Panel Charger



Image: A person sitting on a rock overlooking a mountain landscape, with the BLAVOR solar power bank attached to their backpack and its solar panels unfolded, illustrating its portability and suitability for outdoor adventures.

## Using the Camping Light

The large LED camping light offers three brightness levels:

1. **First Press (Power Button):** Activates the camping light at the lowest brightness setting.
2. **Second Press:** Increases brightness to medium.
3. **Third Press:** Increases brightness to high.
4. **Fourth Press:** Turns the camping light off.

## Using the Flashlight and SOS Function

The integrated flashlight has multiple modes for emergency situations:

1. **Double Press (Power Button):** Activates the flashlight.
2. **Single Press (while flashlight is on):** Switches to SOS mode (flashing Morse code for SOS).
3. **Single Press again:** Switches to Strobe mode (rapid flashing).
4. **Double Press (anytime):** Turns the flashlight off.

## MAINTENANCE

- **Cleaning:** Wipe the power bank and solar panels with a soft, dry 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 when not in use. For long-term storage, ensure the battery is charged to about 50-70% to preserve battery life.
- **Water Resistance:** While the device is designed to be waterproof, avoid submerging it in water. Ensure all port covers are securely closed when exposed to moisture.
- **Impact Protection:** The device is shockproof, but severe drops or impacts can still cause damage. Handle with care.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Power bank not charging devices.	Low battery; cable issue; device not compatible; power bank not activated.	Recharge power bank; try a different cable; ensure device is compatible; press Power Button once to activate output.
Power bank not recharging.	Cable issue; adapter issue; solar panels not receiving enough sunlight.	Try a different charging cable and/or wall adapter; ensure solar panels are in direct, strong sunlight and unfolded.
Camping light/flashlight not working.	Low battery; incorrect button presses.	Recharge power bank; refer to "Operating Instructions" for correct button sequences.
Slow charging.	Using standard USB port instead of fast charging; weak solar input; cable quality.	Use USB-C PD port for fast charging compatible devices; ensure strong, direct sunlight for solar charging; use high-quality cables.

## SPECIFICATIONS

Feature	Detail
Model Number	e7d10a40-1726-4002-b7df-f6e57bbb6a87
Battery Capacity	20,000mAh
Charging Technology	QC3.0, Power Delivery 18W
Solar Panel Output	Max 1.2A (under 25000lux sunlight)
Camping Light Wattage	3 watts
LEDs (Camping Light)	32 bright LEDs
Input Ports	USB Type C, Micro USB
Output Ports	USB Type C, USB Type A (x2)
Special Features	Fast Charging, Foldable Solar Panels, Portable, Built-in Compass, Flashlight, Camping Light
Color	Black (also available in Orange&Black)
Manufacturer	BLAVOR
First Available Date	October 28, 2021

## WARRANTY AND SUPPORT

Your BLAVOR Solar Power Bank comes with a **12-Month Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as described under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact BLAVOR customer service. Refer to the warranty card included in your package for specific contact details or visit the official BLAVOR website for support information.

Please retain your proof of purchase for warranty validation.