



Powerology

HELIO LUX4K
MagSafe Solar Power Bank

SKU: PPBCHAW53BK

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Product Overview

The HELIO LUX MagSafe Solar Power Bank is a versatile 20,000mAh power bank designed for everyday and outdoor use. It offers four ways to charge: solar, mains, hand-crank, and built-in cables, ensuring you're never without power. Compatible with multiple devices simultaneously, it features built-in USB-A, USB-C, and Lightning cables, plus wireless charging with automatic device detection. A built-in LED light with SOS and strobe modes adds extra utility for outdoor adventures. Compact, stylish, and equipped with high-quality Li-ion battery cells, it is your reliable power solution wherever you go.

Specifications

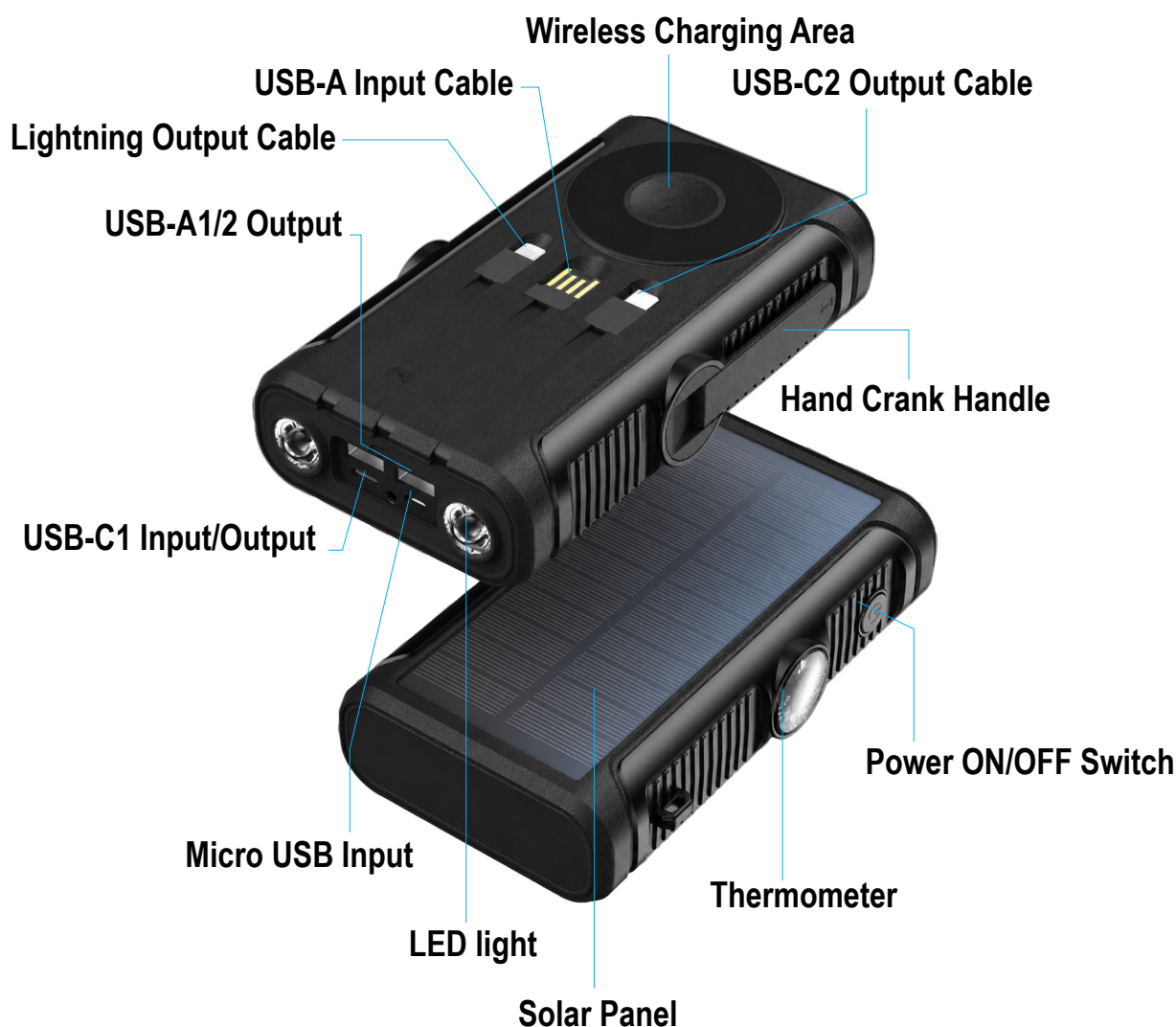
Battery Capacity	20000mAh / 3.7V / 74Wh
Micro USB Input	DC 5V/2A, 9V/2A, 12V/1.5A
USB-A Input Cable	DC 5V/2A
USB-C1 Input	DC 5V/3A, 9V/2A, 12V/1.5A
USB-C1 Output	DC 5V/3A, 9V/2.22A, 12V/1.67A
USB-C2 Output Cable	DC 5V/2.4A, 9V/2A, 12V/1.5A
USB Output 1	DC 5V/2A
USB Output 2	DC 5V/3A, 9V/2A, 12V/1.5A
Lightning Output Cable	DC 5V/2.4A
Wireless Output	2.5W (Watch), 5W, 7.5W, 10W, 15W
LED Light Power	1W

Solar charging Input	DC 5.5V/0.2A
Solar Charging Condition	Light intensity above 25,000 LUX
Hand-Cranked Power Input	DC 5V/0.4A
Hand-Crank Condition	Rotational speed above 7200 r/hour
Model Number	PPBCHAW53

Accessories

- 1.Charging Cable x1
- 2.User Manual x1

Product Diagram



Product Features

- 1.Massive 20000mAh Backup Power:** Keeps your essential deices charged and ready with dependable high-capacity power for everyday use, travel, and emergencies.
- 2.Snap-On MagSafe Wireless Charging:** Enjoy easy magnetic wireless charging up to 15W for compatible devices with seamless alignment and effortless everyday convenience.
- 3.Bright LED Light for Any Situation:** A built-in LED light provides useful illumination for camping, travel, nighttime use, and unexpected power emergencies.
- 4.Hand- Crank Emergency Input:** Manual backup charging support when conventional power sources are not available.

Instructions For Use

1.Power On/Off

Briefly press the power button to turn the unit on. The LED display will show the current battery level. If no device is connected, the unit will automatically shut down after 30 seconds.

2.Charge the power bank- Solar Charging

Place the power bank with the solar panel facing direct sunlight. For best results, charge under strong, direct sunlight. Do not leave on heat-concentrating surfaces in hot weather, and pause solar charging if the unit exceeds 50°C (122°F).

-Mains Charging

Insert a cable into the USB-C or Micro USB port and connect the other end to a wall charger. The LED indicators will flash while charging and become solid when fully charged. You can also pull out the built-in USB-A cable and plug it into a charger.

- Hand-Crank Charging

Extend the handle from the side of the unit. Rotate clockwise or counter-clockwise at a steady speed of 120–180 rotations per minute. The battery indicators will flash in a chasing sequence while charging.

3. Charging Your Phone and Other Digital Devices- Wired Charging

Press the button to turn the unit ON. The LED indicators will light up, then insert a cable into a USB output port and connect it to your device.

- Built-in Cable Charging

Press the power button, pull out the desired built-in cable, and plug it into your device's port.

- Wireless Charging

Place your wireless-charging-enabled phone or watch on the wireless charging area. A solid blue light confirms charging. If the blue light flashes, reposition your device or remove any metal objects from its case.

4. LED light

Press and hold the light button for 3 seconds to turn the LED on. Briefly press to cycle through SOS mode, then strobe mode. Press once more to turn it off. Turn off the LED when not in use to conserve power.

Product Maintenance

To ensure this product achieves maximum performance, please follow these guidelines:

1. Keep away from moisture and corrosive substances.
2. Do not use chemical agents to clean this product.
3. When not in use for an extended period, please charge the product at least once every six months.

Important Information

1. Do not disassemble or modify this product.
2. Keep away from fire and moisture to prevent malfunction.
3. Do not use this product in high-temperature environments ($\geq 45^{\circ}\text{C}$ / 113°F).
4. Please only connect devices that comply with this products output specifications.
5. If the battery swells, leaks, or emits an odour, stop using it immediately

FAQ & Troubleshooting

1. The power symbol flashes when the power button is pressed. The battery level is critically low. Please recharge the product immediately.
2. The power bank cannot be charged.
Try using a different wall charger and charging cable.
3. The power bank cannot charge a phone or other digital device.
Unplug and reconnect the charging cable to both the power bank and the device.
4. The power bank takes a very long time to fully charge.
Please use the included cable and a charger that supports an output of 5V/2.1A or higher.

Other Troubleshooting Steps

1. Check if the buttons are responsive.

2. Check if the charging indicators light up correctly during charging.
3. Check that the USB input cable is in good condition and connects properly.
4. Check that the USB output cable is in good condition and connects properly to the device being charged.
5. Check if the product is making any unusual noises or emitting strange odors.
6. Do not attempt to disassemble or repair the product yourself, as this will void the warranty.
7. If the issue persists after trying the steps above, please contact over customer support department.



FCC Statement

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1.Reorient or relocate the receiving antenna.
- 2.Increase the separation between the equipment and receiver.
- 3.Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4.Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party

responsible for compliance could void the user's authority to operate the equipment.

The device has evaluated to meet general RF exposure requirement. The device can be used in portable exposure without restriction.

RF warning statement

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website **powerology.me/warranty** and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:
powerology.me/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**

Website: **powerology.me**

Instagram: **powerology_official**

Facebook: **powerology.ME**