



Powerology

**Wall Charger MagSafe 20000mAh Power Bank
(PPBMH104WH white / PPBMH104BK black)**

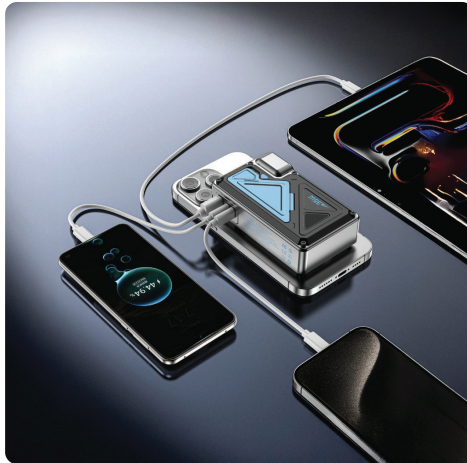
SKU: PPBMH104WH-PPBMH104BK

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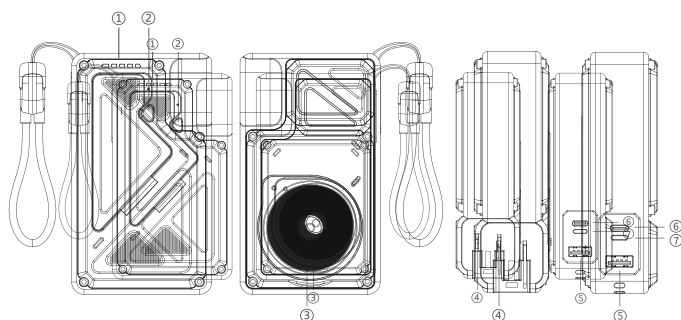
Product Introduction

The Powerology Wall Charger MagSafe 20000mAh Power Bank is an all-in-one travel companion that combines a high-capacity 77Wh lithium-polymer battery with a built-in wall charger, MagSafe wireless charging, and an integrated lanyard USB-C cable. Designed for on-the-go use, it can power up to four devices at once, delivers up to 35W PD from a single USB-C port (total output is shared when multiple devices are connected) and up to 15W MagSafe wireless output, and features an on-demand kickstand and interchangeable US/EU/UK plugs for worldwide convenience.



Structural Diagram

The power bank features a built-in lanyard cable, MagSafe wireless charging pad, fold-out AC plug and multiple wired output ports for charging up to four devices at once.



- 1.** LED battery indicator **2.** Power / mode button **3.** MagSafe wireless charging pad
- 4.** Foldable AC wall plug **5.** USB-A output port (interchangeable) **6.** USB-C input / output port
- 7.** Lightning input / output (lanyard cable)

Safety Warnings

Warning:

- 1.** Do not puncture, crush, disassemble, short-circuit, heat or incinerate the power bank — risk of fire or explosion.
- 2.** Stop using the power bank immediately if it becomes swollen, very hot, deformed or starts leaking.
- 3.** Keep the power bank away from fire, heat sources, direct sunlight and water; never immerse it in any liquid.
- 4.** Only plug the built-in wall charger into an AC outlet within the rated 100–240V, 50/60Hz range to avoid electric shock or fire.
- 5.** Ensure the interchangeable plug is fully seated and locked into the wall charger before inserting it into an outlet.
- 6.** Do not handle the wall plug or power bank with wet hands, and unplug it before cleaning.
- 7.** Do not place metal objects, coins or keys near the MagSafe wireless charging area — they can heat rapidly and cause burns.
- 8.** Keep pacemakers, credit cards and other magnetic-sensitive items away from the MagSafe magnets.

9. Use only cables and accessories rated for the output power to prevent overheating of connectors and cables.
10. Do not cover the power bank while it is charging or discharging; allow heat to dissipate freely.
11. The built-in AC wall charger is for indoor, dry use only — do not use outdoors or in wet or humid environments.
12. Do not use the product if the housing, AC prongs, interchangeable plug head or any cable is cracked, bent, frayed or otherwise damaged.
13. Do not modify or open the housing — there are no user-serviceable parts inside.
14. When unplugging from a wall outlet, grip the power bank body — do not pull on any attached cable or the plug head.
15. Charge the power bank only with the supplied or a compatible PD-rated USB-C cable and adapter — non-compliant chargers may cause damage, overheating or fire.

Attention:

1. Use and store the power bank within a moderate temperature range; do not leave it in a hot car or in direct sun.
2. Recharge the power bank every few months when not in use to preserve battery health.
3. Keep the power bank, cables and interchangeable plugs out of the reach of children — small parts pose a choking hazard.
4. Remove phone cases that are thick, metallic or contain magnets/cards before using MagSafe wireless charging.
5. Place the power bank on a stable surface when using the kickstand to prevent it and the attached device from falling.
6. Wipe the unit with a soft, dry cloth only; do not use solvents or abrasive cleaners.
7. Dispose of the power bank as electronic waste per local regulations — never in household waste or fire.
8. This power bank is designed to support simultaneous charge-and-discharge (pass-through) — it may become warmer than usual during this mode, so ensure adequate ventilation.



Usage Instructions

1. Recharging the Power Bank via AC Wall Plug

Select the plug head (US, EU or UK) that matches your region and attach it to the built-in AC plug base until it locks securely.

Unfold the AC prongs and insert the power bank directly into a 100–240V wall outlet.

The LED indicators will flash sequentially to show charging progress.

When all indicators are steady on, the power bank is fully charged; unplug it from the outlet.

2. Recharging the Power Bank via USB-C Cable

Connect a USB-C charging cable to the USB-C input port on the power bank.

Plug the other end into a PD-compatible wall charger or power source.

Watch the LED indicators for charging status.

Disconnect the cable once all indicators remain steady.

3. Charging Devices via Wired Ports

Connect your device to the USB-A port, the USB-C port, or the built-in USB-C lanyard cable.

Press the power button once to start charging; the LED indicators will show remaining battery.

For fastest charging, use the USB-C port with a compatible PD cable — a supported device can reach 0–65% in about 35 minutes. 35W PD is the maximum from a single USB-C port.

Up to four devices can be charged at the same time; total combined output is shared across the ports.

4. Using MagSafe Wireless Charging

Place a MagSafe-compatible phone on the wireless charging pad; magnets will align it automatically.

Charging begins immediately and delivers up to 15W to supported devices.

Extend the on-demand kickstand to prop the phone up for hands-free viewing while it charges.

Remove any thick cases or metal accessories that may interfere with wireless charging.

5. Pass-Through Charging

Plug the power bank into a wall outlet using the AC plug or a USB-C cable.

Connect your device to one of the output ports or place it on the MagSafe pad.

The power bank will prioritize charging your device first, then recharge its own battery.

This mode is ideal for overnight charging of multiple devices.

6. LED Battery Indicator

Press the power button briefly to check remaining battery capacity.

Each of the four LEDs represents approximately 25% of remaining charge.

During charging the LEDs blink in sequence; when all four are steady the battery is full.

A single blinking LED indicates low battery — recharge as soon as possible.

Specifications

AC Input	- 240-100V
Rated Frequency	- 60/50Hz
Battery Type	- Lithium Polymer
Battery Capacity	- 20000mAh, 77Wh
USB-A Output	- 5V/3A, 9V/2A, 10V/2.25A, 12V/1.5A, 22.5W
USB-C Output	- 5V/3A, 9V/3A, 12V/2.91A, 15V/2.33A, 20V/1.75A, 35W
Lightning Output	- 5V/3A, 9V/3A, 12V/2.91A, 15V/2.33A, 20V/1.75A, 35W
Wireless Output	- 5W, 7.5W, 10W, 15W
Lightning Input	- 5V/2.4A, 9V/3A, 12V/2.91A, 15V/2.33A, 20V/1.75A
USB-C Input	- 5V/3A, 9V/3A, 12V/2.91A, 15V/2.33A, 20V/1.75A
Total Output	- 5V/3A
Product Size	- 38×69×117mm
Model Number	- PPBMH104



Key Features

1. Compact & Travel-Ready — designed for mobility, fits easily in bags or hands.
2. On-Demand Kickstand — props your phone up for hands-free charging, working, or watching.
3. MagSafe Wireless Charging — up to 15W wireless output to compatible devices.
4. Interchangeable Plugs — swap between US, EU and UK plugs for worldwide compatibility.
5. Lanyard USB-C Charging Cable — easy-carry, tangle-free integrated cable.
6. Pass-Through Charging — charge the power bank and your phone at the same time.
7. 4-Device Charging — power up to four devices simultaneously; total output is shared across the ports.
8. Fast Charge — up to 35W PD from a single USB-C port; reaches 0–65% in 35 minutes with the included USB-C to USB-C cable.

9. Advanced Safety Protection — guards against overheating, overcharging and short circuits.

Maintenance Tips

1. Store the power bank in a cool, dry place away from direct sunlight and heat sources.
2. Recharge the unit at least once every three months if stored unused to preserve battery health.
3. Clean the housing and MagSafe pad with a soft, dry cloth; avoid solvents or abrasive cleaners.
4. Keep the AC plug clean and free of dust; retract the prongs when not in use.
5. Do not expose the product to water, high humidity or extreme temperatures.
6. Avoid dropping, crushing or puncturing the unit — internal damage may cause a safety hazard.
7. Use only certified USB-C and Lightning cables and adapters to prevent damage or reduced performance.
8. Do not disassemble or attempt to repair the power bank; contact support for any service needs.

Frequently Asked Questions

1. Can I take this power bank on an airplane?

Yes. At 20000mAh / 77Wh it falls within the 100Wh limit that most airlines allow in carry-on luggage. Always confirm with your airline before travel and never place lithium batteries in checked baggage.

2. Which devices are compatible with MagSafe wireless charging?

The 15W MagSafe pad is designed for MagSafe-compatible smartphones. Qi-compatible devices can also charge wirelessly at

lower speeds (5W–7.5W). Remove thick or metal cases for the best charging performance.

3. How long does it take to fully recharge the power bank?

Recharge time depends on the input source. Using the built-in AC plug or a PD wall charger via USB-C provides the fastest recharge. Lower-wattage USB adapters will take longer.

4. Can I charge multiple devices at the same time?

Yes. You can charge up to four devices simultaneously. Total output is shared, so individual charging speed may be reduced.

5. Does the power bank support pass-through charging?

Yes. When the unit is plugged into a wall outlet, it will charge connected devices first and then top up its own battery.

6. Why is my device charging slowly?

Slow charging can be caused by using a non-PD cable, a device that does not support fast charging, or charging multiple devices at once. Use the included USB-C to USB-C cable and a single device for the fastest results.

7. How do I switch between the US, EU and UK plugs?

Detach the current plug head from the AC base and slide the desired plug head into place until it clicks securely. Ensure the plug is fully locked before inserting into a wall outlet.

Troubleshooting

Problem	Likely Cause	Solution
Power bank does not turn on	Battery fully depleted or internal protection triggered	Recharge for at least 30 minutes using the AC plug or a PD USB-C charger, then press the power button again.
Power bank does not charge from wall outlet	Plug head not seated properly or outlet not working	Reattach the interchangeable plug head until it locks, and try a different outlet.
Connected device is not charging	Loose cable, incompatible cable or damaged port	Reconnect the cable, try another certified cable, or use a different output port.
Charging is very slow	Non-PD cable used or multiple devices sharing output	Use the included USB-C to USB-C cable and charge a single device at a time for maximum speed.
MagSafe wireless charging not working	Device misaligned, thick case, or metal object between device and pad	Center the device on the pad, remove the case or metal accessories, and try again.
Power bank gets warm during use	Normal during high-wattage or wireless charging	Ensure ventilation is not blocked; if excessively hot, disconnect and let it cool before resuming.

Problem	Likely Cause	Solution
LED indicators do not light up	Battery deeply discharged	Recharge the power bank for 15–30 minutes; indicators should resume normal operation.
Power bank shuts off during charging	Overheat, overcurrent or short-circuit protection engaged	Disconnect all devices, allow to cool for 10 minutes, then reconnect and try again.
Lanyard cable is not charging devices	Damaged connector or debris in the tip	Inspect the connector, clean gently with a dry cloth, and try another device to isolate the issue.
Kickstand feels loose	Repeated use over time	Fully close the kickstand when not in use and avoid applying excess pressure when extended.
Power bank stops charging before reaching 100%	Temperature protection activated	Move to a cooler environment and resume charging.
Cannot charge two USB-C devices at full 35W	Total output is shared across ports	Charge one device at a time on the USB-C port for the full 35W PD output.

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 www.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: www.powerology.me/warranty

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