



Powerology

ÉNERGIE 27000mAh Power Bank

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Product Introduction

The Powerology ÉNERGIE 27000mAh Power Bank is a high-capacity portable charger built for people who need dependable power on the move. With a 100W continuous AC outlet (130W peak), dual USB-C ports and dual USB-A ports, it can simultaneously power laptops, tablets, smartphones and small AC accessories. A 100W USB-C fast recharge input keeps downtime to a minimum, while the built-in digital LED display, 3-mode flashlight and multiple safeguards make it a versatile companion for travel, work and outdoor use.



Structural Diagram

The power bank features a transparent-style housing that exposes its internal circuitry, a digital LED display for real-time status, DC and AC control buttons, dual USB-C ports, dual USB-A ports and a universal AC output socket for powering a wide range of devices.



- | | | |
|----------------------------------|--|-------------------------------|
| 1. Digital LED Display | 2. DC Button | 3. AC Button |
| 4. USB-A2 Output / USB-C2 Output | 5. USB-A1 Output / USB-C1 Input & Output | 6. Universal AC Output Socket |

Safety Information

Warning:

1. Charge the power bank only with a compatible USB-C cable and adapter rated for its input; an unsuitable charger can damage the battery.
2. Do not puncture, crush, disassemble, short-circuit, heat or incinerate the power bank — risk of fire or explosion.
3. Stop using the power bank immediately if it becomes swollen, very hot, deformed or starts leaking.
4. Keep the power bank away from fire, heat sources, direct sunlight and water; never immerse it in any liquid.
5. Do not exceed the 130W maximum AC output; connecting appliances beyond this rating can cause overheating, damage or fire.
6. Do not plug high-current heating appliances (kettles, hair dryers, heaters) into the AC outlet — they can trip protection or damage the unit.

7. Never insert metal objects, fingers or wet items into the AC outlet or USB ports — risk of electric shock and short-circuit.
8. Do not shine the built-in LED flashlight directly into eyes, especially those of children or pets.
9. Only charge devices whose input ratings match the power bank's output; connecting incompatible devices may damage them.
10. Use the AC inverter output indoors in a dry environment only; do not operate the AC outlet outdoors, in the rain, or in humid or wet conditions.
11. The power bank includes built-in protections against overcurrent, overvoltage, short-circuit and over-temperature; if a protection trips, disconnect all devices, allow the unit to cool, and reconnect only a compliant load.
12. Always unplug the recharge adapter by gripping the plug body — never pull on the cable, as this can damage the cable or plug and create a shock or fire hazard.
13. Do not use the power bank if the housing or ports show visible damage (cracks, dents, exposed internals) after a drop or impact — internal damage may cause fire, shock or battery failure.

Attention:

1. Use and store the power bank within the stated temperature range; do not leave it in a hot car or in direct sun.
2. Recharge the power bank every few months when it is not in use to preserve battery health.
3. Keep the power bank and its cables out of the reach of children.
4. Ensure the AC output is switched off and no cables are connected before storing or transporting the unit.
5. Check current airline regulations before carrying the power bank on flights, and transport it in carry-on baggage only.
6. Keep the unit on a hard, ventilated surface during use; do not cover it or operate it inside a bag while charging.
7. Dispose of the power bank as electronic waste per local regulations — never in household waste or fire.

8. Operating temperature: 0°C to 35°C. Storage temperature: -10°C to 45°C. Do not use or store the power bank outside these ranges.
9. Avoid continuous pass-through operation (simultaneous charging and discharging) under heavy load, particularly when the AC inverter is active, to limit heat build-up and preserve battery health.



Usage Instructions

1. Recharging the Power Bank

Connect a USB-C PD charger (up to 100W) to the USB-C1 input port using a compatible USB-C cable.

Plug the charger into a wall outlet; the digital LED display will illuminate and show the input wattage.

The battery percentage indicator will update as charging progresses.

Disconnect the cable when the display shows 100% to preserve battery health.

For best results, use a certified USB-C PD charger and cable rated for 100W.

Note: the USB-C1 port accepts up to 100W as input, even though it can output higher wattage — do not attempt to recharge the power bank at more than 100W.

2. Charging via USB-C and USB-A Ports (DC Output)

Press the DC button once to activate the USB output ports.

Connect your device to USB-C1 (up to 140W PD deliverable output*), USB-C2 (up to 36W) or a USB-A port (up to 18W) using an appropriate cable.

The LED display will show the real-time output wattage.

You can charge multiple devices simultaneously; total combined output across all ports and the AC socket must not exceed the 130W total system output.

Press the DC button again to turn the outputs off when finished.

*The USB-C1 port has a 140W silicon-level peak capability, but effective deliverable output is limited to 100W PD due to the 130W total system output cap.

3. Using the AC Output

Press and hold the AC button to enable the universal AC output socket.

Plug your device into the AC socket; ensure the device draws no more than 100W continuously (130W peak).

The LED display will show the AC output wattage in real time.

For continuous use, keep the power bank on a stable, well-ventilated surface.

Press and hold the AC button again to switch off the AC output when done.

4. Using the LED Flashlight

Locate the 2W LED flashlight on the side of the power bank.

Press the dedicated flashlight button once to activate steady (high) mode.

Press a second time to switch to low mode.

Press a third time to switch to SOS/strobe mode.

Press a fourth time to turn the flashlight off.

Use in emergencies, outdoor activities or to locate items in the dark.

5. Reading the Digital LED Display

The battery percentage indicator shows remaining capacity from 0% to 100%.

The output/input wattage reading shows current power flow in watts.

The PD icon indicates active USB Power Delivery output; the USB icons indicate active standard USB output ports. Refer to the icon key printed on the display panel to identify each symbol.

If the display flashes or shows an error, disconnect all devices and let the power bank rest before reuse.

Specifications

Battery Capacity	27000mAh / 99.9Wh
AC Output (Continuous)	100W
AC Output (Peak)	130W
AC Output Voltage	220V
AC Frequency	50/60Hz
USB-C1 Input	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A, 20V/5A, 100W Max
USB-C1 Output	100W PD deliverable
USB-C2	5V/3A, 9V/3A, 12V/3A, 36W Max
USB-A1/2 Output	5V/3A, 9V/1.8A, 12V/1.5A, 18W Max
Total Output	130W
Battery Type	Lithium-ion Battery
LED Light	2W
Product Size	175 x 68 x 52mm
Product Weight	0.83kg
Model Number	PPBJYD100



Key Features

1. 27000mAh high-capacity lithium-ion battery for extended use on the go.
2. 100W continuous universal AC output (130W peak) for powering laptops and small AC devices.
3. USB-C PD output up to 100W on USB-C1 for fast device charging (140W silicon-level peak, capped by the 130W total system output).
4. 100W USB-C fast recharge input minimizes downtime between uses.

5. Simultaneous multi-device charging via dual USB-C, dual USB-A and AC outlet, within the 130W total output.
6. Digital LED display shows battery level and real-time output wattage.
7. Built-in safeguards protect against overcharge, over-discharge, overcurrent, overvoltage, short circuit and over-temperature.
8. Integrated 2W LED flashlight with 3 modes (high, low, SOS/strobe) for emergencies and outdoor use.
9. Flight-approved 99.9Wh capacity for convenient travel.

Maintenance Tips

1. Charge the power bank fully at least once every three months if not in regular use.
2. Store in a cool, dry place away from direct sunlight and extreme temperatures.
3. Avoid exposing the unit to moisture, dust or corrosive substances.
4. Use only certified USB-C PD chargers and cables to recharge and discharge safely.
5. Do not disassemble, drop or expose the power bank to strong impacts.
6. Wipe the housing with a soft, dry cloth; never use solvents or abrasive cleaners.
7. Discontinue use immediately if you notice swelling, deformation or unusual heat.

Frequently Asked Questions

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

Yes. The 27000mAh (approximately 99.9Wh) capacity is within the limits generally permitted for carry-on luggage on most commercial flights, but always confirm with your specific airline before travelling.

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

Using the 100W USB-C fast recharge input with a compatible PD charger, the power bank recharges significantly faster than with a standard charger. Actual time varies depending on the wall adapter and cable used. Note that the USB-C1 port only accepts up to 100W as input, even though it can output higher wattage.

3. Can I charge a laptop with this power bank?

Yes. The USB-C1 port delivers up to 100W PD output (with a 140W silicon-level peak capped by the 130W total system output), which supports most USB-C laptops. You can also power AC-only laptops through the AC socket, up to the 100W continuous rating.

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

Yes. The power bank supports simultaneous charging through dual USB-C ports, dual USB-A ports and the AC output, provided the combined draw stays within the 130W total output limit.

5. Is pass-through charging supported?

The unit is designed primarily to recharge and then discharge. For best battery health and safety — especially when the AC inverter is in use — avoid continuous pass-through charging under heavy load.

6. What is included in the box?

The package contains the ÉNERGIE 27000mAh Power Bank and its user documentation. Charging cables and wall adapters are sold separately unless otherwise indicated on the packaging.

Troubleshooting

1. Power bank will not turn on

Cause: Battery fully depleted or unit in sleep mode.

Solution: Connect the power bank to a USB-C PD charger for at least 15 minutes, then press the DC or AC button to activate it.

2. Power bank is not charging when plugged in

Cause: Incompatible charger or damaged cable.

Solution: Use a certified USB-C PD charger (up to 100W) and a data-rated USB-C cable connected to the USB-C1 input; try a different wall outlet.

3. Connected device is not charging

Cause: DC output not activated, or cable/device fault.

Solution: Press the DC button to enable USB outputs, then check the cable and try a different port or device to isolate the issue.

4. AC output does not switch on

Cause: AC button not pressed and held, or battery too low.

Solution: Press and hold the AC button until the AC indicator activates; ensure battery level is sufficient to support the connected load.

5. AC-connected device suddenly shuts off

Cause: Connected appliance exceeds the 100W continuous AC rating (130W peak) or overload protection triggered.

Solution: Disconnect the appliance, wait a moment, and reconnect a device that draws no more than 100W continuously.

6. Power bank feels hot during use

Cause: Heavy load, high-wattage charging or poor ventilation.

Solution: Reduce the number of connected devices, move the unit to a cool, ventilated surface and allow it to cool before resuming.

7. Battery drains faster than expected

Cause: High-power devices connected or many outputs used simultaneously.

Solution: Disconnect unused devices and turn off outputs when not needed; extreme temperatures also reduce runtime.

8. LED display shows unusual readings or flashes

Cause: Overload, short circuit or fault detection.

Solution: Unplug all devices and disconnect the input charger, wait 30 seconds and reconnect; if the issue persists, discontinue use.

9. Flashlight will not turn on

Cause: Battery critically low or button not pressed correctly.

Solution: Recharge the power bank and try again; press the flashlight button firmly to cycle through modes.

10. USB-C output does not deliver full wattage to a laptop

Cause: Non-PD cable or laptop not supporting the required PD profile.

Solution: Use a USB-C cable rated for 100W or higher and verify that the laptop supports USB-C PD charging.

11. Charging stops before reaching 100%

Cause: Charger wattage too low or protection cycle engaged.

Solution: Use a 100W USB-C PD charger and let the unit rest before restarting the charge cycle.

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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