



**Powerology**

## **27000mAh Smart Display Power Bank**

SKU: PPBCHA83

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## Specifications

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| Battery Capacity       | 27000mAh/99.9Wh/3.7V                                                  |
| USB-C1/C2 Input        | 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A(PD3.0), 28V/5A (PD3.1), Max 140W |
| USB-C1/C2 Output       | 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A(PD3.0), 28V/5A (PD3.1), Max 140W |
| USB-A Output           | 5V/3A, 9V/2A, 12V/1.5A, 5V/4.5A, Max 22.5W                            |
| USB-C1+ USB-C2         | 65W + 65W, Max 130W                                                   |
| USB-C1+ USB-A          | 5V/3A, Max 15W                                                        |
| USB-C2 + USB-A         | 100W + 22.5W, Max 122.5W                                              |
| USB-C1+ USB-C2 + USB-A | 15W + 65W, Max 80W                                                    |
| Product Weight         | 653g                                                                  |
| Product Dimension      | 56×59.5×166.3mm                                                       |
| Includes               | 30cm 60W USB-C to USB-C Cable                                         |
| Model Number           | PP083                                                                 |

## Button Function Guide

1. Press once to turn the colorful lights on or off on the display screen.
2. Double-press to activate low current mode; the lightning icon will appear. The mode will automatically exit after a short period, or you can double-click again to turn it off.
3. Press and hold for 2 seconds to lock the input. The digital display icon will show that the input is locked, preventing further input.

Press and hold again for 2 seconds to unlock it.

4. If the battery level is 100%, no indicator will be shown. When the battery drops below 10%, a red battery icon will appear.
5. If there is no output or input, the display will automatically turn off after 20 seconds.
6. When charging, a green indicator will light up. If the power is below 10%, a red indicator will appear.
7. During discharge, a blue indicator will light up. If the power level falls below 10%, the red indicator will appear.

Low Current Icon



Input Locked Icon



## Charging the Power Bank

1. The power bank can be charged using a matched Type-C cable with PD60W.
2. The power bank can be charged with a Type-C cable supporting 140W (Max).
3. The battery indicator will show the charging progress until it reaches 100%. Once fully charged, unplug the power bank.
4. Only Type-C1 or Type-C2 charging is supported separately.

## Charging Other Devices

To charge your mobile device, connect the power bank to your device using a matched Type-C cable (Max 60W) or the user's Type-C cable (140W Max).

## Remark

1. This product uses dual IC control and is compatible with PD3.1 and PD3.0. The maximum output of PD3.1 is 140W. When the output temperature rises to protection level, the handshake protocol is reduced to the maximum power of PD3.0 (100W). The PD3.0 protocol output is always active without power failure. The handshake protocol will be repeated when the output power is off.
2. To provide safer use, this product includes an NTC to better control the temperature during charging and discharging. The maximum power output of this product is disconnected from charging, which is a normal phenomenon. If the product temperature exceeds 55°C, power-off protection will occur. When the temperature drops below 45°C, the output and input functions will resume.
3. Warning: If the power bank starts to get warm, unplug it immediately from the power source or your mobile device and allow it to cool down.

## Precautions

1. Carefully read all instructions before using the product.
2. When using this product for the first time, perform a full charge and discharge cycle to extend its service life.
3. Ensure the device you want to charge is compatible with the

power bank's specifications.

4. Keep the power bank out of reach of children, infants, and pets.
5. Avoid dropping or subjecting the power bank to impacts.
6. Do not expose the power bank to water or immerse it in water.
7. Warning: If the power bank comes into contact with water, do not use it.
8. Do not puncture or disassemble the power bank. Do not disassemble the product under any circumstances. This may cause overheating, fire, or an explosion.
9. Never throw the power bank into a fire, as it may cause an explosion.
10. If the power bank malfunctions or is swallowed, stop using it and contact a service center immediately.
11. Do not dispose of the power bank as household waste.
12. Avoid leaving the power bank in a car on hot days. Do not expose the battery to direct sunlight, fire, or extreme heat.
13. Do not use the power bank in environments with high temperatures or humidity. Store it in a cool, dry place when not in use.
14. Always monitor the power bank when it is charging other devices or being charged. Never leave it unattended.
15. Disconnect the charger once the battery is fully charged. Do not leave it charging for an extended period.
16. Improper battery replacement may result in an explosion.
18. When using a power adapter for charging, only use a branded certified adapter that complies with standard requirements.

## **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**

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