

M LEVELO



Levelo

**Levelo Retro 10000mAh Portable
MagSafe Aluminum Power Bank**

SKU: LVLRPB10NT

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Features

- 1.** The power bank features a high-capacity 10000mAh battery, ensuring extended usage time for your devices.
- 2.** It offers wireless charging capabilities for both Android and Apple devices, providing versatility and convenience.
- 3.** Designed to support magnetic and magnetic-charging compatible modules, it ensures efficient power transfer.
- 4.** Incorporating ADS technology, the power bank optimizes battery health by regulating the energy transmitted to iPhones.
- 5.** Its compact design is approved for airline travel, allowing you to bring it on planes without restrictions.
- 6.** The power bank boasts a durable and stylish aluminum body with a rubber finish, enhancing grip and protection against wear.
- 7.** With 20W Power Delivery, this product offers rapid charging capabilities, significantly reducing device charging times.
- 8.** It supports MagSafe charging, providing a secure magnetic attachment for compatible devices, ensuring optimal alignment and efficient energy transfer.
- 9.** Featuring a versatile USB Type-C port for both input and output, it allows for convenient charging of the power bank and other devices with a single cable.

Usage Guide

This product features Q-value self-awakening technology, automatically initiating wireless charging upon pairing with a phone. Additionally, it can be directly connected for immediate use. The product also supports manual activation; simply press the button to enable the wireless charging function. The Type-C port output is compatible with

PPS/PD3.0/PD2.0, QC4+/QC3.0, AFC, FCP, SCP, PE1.1, PE2.0, Apple 5V 2.4A, BC1.2, and other protocols. The maximum output is 20W, with wireless charging outputs of 5W, 7.5W, 10W, and 15W.

Continuous operation at temperatures above 28°C may trigger internal temperature protection.

A. Charging

The charging and discharging mode features light load detection. If no external device is detected, the power bank will automatically deactivate. You can exit this mode by double-clicking the button. When connecting the power bank to an external power source, it will automatically detect the connection and start charging. To activate wireless charging, press the button. The device will automatically activate when connected to another device or a power source via the type-C cable.

B. Power Button

The button's function is to control the device's power, supporting both short and double presses. A brief press will activate the charging and discharging mode during charging. When discharging, pressing the button will enable the Type-C output port and wireless charging to display the external discharge and battery level. Double-pressing will turn off the Type-C and wireless power display. If an external power supply is connected, only the output port will close, and the charging and discharging mode will stop.

Specifications

Product Model	Levelo Retro 10000mAh Portable MagSafe Aluminum Power Bank
SKU	LVLRPB10NT
Capacity	10000mAh
Size	105.5×66×14.5mm
Weight	186.6g
Type-C Input	5V/2A, 9V/2.22A, 12V/1.67A (20W)
Type-C Output	5V/3A, 9V/2.22A, 12V/1.67A (20W)
Type-C Current limit	5V/3.1 to 3A, 9V/2.3 to 2.6A, 12V/1.6 to 2.0A
Wireless Output	5W/7.5W/10W/15W
Operating Temperature	Charging: 10°C to 45°C, Discharging: -10°C to 60°C
Overcharge Detection Voltage	4.375±0.025V
Over Discharge Detection Voltage	2.4±0.1V
Overcurrent Protection	>10A

Indicator Light Guide

A. Charging

Capacity	LED 1	LED 2	LED 3	LED 4
100 %	ON	ON	ON	ON
75 % to 99 %	ON	ON	ON	Flashing
50 % to Less than 75 %	ON	ON	Flashing	OFF
25 % to Less than 50 %	ON	Flashing	OFF	OFF
0 % to Less than 25 %	Flashing	OFF	OFF	OFF

B. Discharging

Capacity	LED 1	LED 2	LED 3	LED 4
75 % to 100 %	ON	ON	ON	ON
50 % to Less than 75 %	ON	ON	ON	OFF
25 % to Less than 50 %	ON	ON	OFF	OFF
5 % to Less than 25 %	ON	OFF	OFF	OFF
1 % to Less than 5 %	Flashing	OFF	OFF	OFF
0 %	OFF	OFF	OFF	OFF

Protection Mechanisms

A. Input Overvoltage Protection

When the input voltage exceeds $13.5V \pm 0.3V$, it enters overvoltage protection. If the input voltage exceeds $16V$, the device may be permanently damaged.

B. Input Undervoltage Protection

Starting when the input voltage is lower than $4.6V \pm 0.1V$, as the input voltage continues to decrease, the power input to the battery is gradually reduced until the input voltage drops to $4.0V \pm 0.1V$, the system LED turns off, and the wireless charging enters an undervoltage unresponsive status. To ensure the normal operation of the load device while charging and discharging, when the voltage drops, the current entering the battery will be reduced first.

C. Output Overcurrent Protection

The output port of the product features over-current protection and short-circuit protection. When a fault occurs, the product automatically detects it and stops output. Once the fault is resolved, normal use can resume.

D. Battery protection

The product also has hardware-level overcharge protection of $4.475 \pm 0.025 V$, over-discharge protection of $2.4 \pm 0.1V$, over-current protection of $14 \pm 4A$, short-circuit protection of $40 \pm 20A$, and $0V$ starting charge protection. The product's system low power protection is at $2.9 \pm 0.1V$, which can extend battery life.

Working and Storage Requirements

A. Operating Requirements

The operating temperature of the device is -10°C to $+45^{\circ}\text{C}$, but it is recommended to use the device at $+10^{\circ}\text{C}$ to $+25^{\circ}\text{C}$. The safe environmental humidity when the device is operational is 10 % RH to 85 % RH.

B. Storage Requirements

The storage temperature of the device is -20°C to $+60^{\circ}\text{C}$. The recommended warehouse storage temperature is below $+40^{\circ}\text{C}$. The safe environmental humidity for storage is 30 % RH to %85RH (non-condensing) at 106-86kPa.

Warning

1. During storage, flammable and explosive substances, corrosive chemicals, harmful gases, strong mechanical vibration, impact, and strong magnetism are not allowed.
2. It is recommended that the product be stored for less than 3 months. Products shipped after 3 to 6 months must be re-tested and verified, and a recharge operation must be performed every 6 months.

Warranty

Products procured directly from the **Levelo** website or physical store comes with a 24-month warranty. **Levelo** products purchased from any of our authorized dealers are guaranteed with a one-year warranty. If you wish to extend this warranty, you'll need to go to our website at **<https://levelobrand.com/warranty>** and fill out the necessary form, making sure to include your personal information and a photo of the product. After your request has been evaluated and accepted, we'll send you an email notification to affirm the extension of your product's warranty.

For more info, please check:

Website: **<https://www.levelobrand.com/warranty>**

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **Info@levelobrand.com**

Website: **<https://www.levelobrand.com/>**

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