

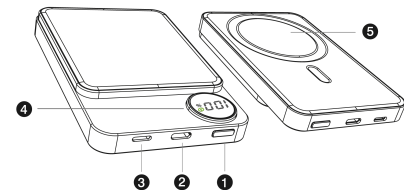


HARDY® MagSynergy Ni+™ 5 000 mAh

Powerbank

User manual

EN



Product description:

1. Power switch/mode switch for charging (press once to turn on the power bank, repeat to switch to fast charging mode or wireless charging - a charging symbol will appear on the screen)
2. Type C/C PD interface (input/output)
3. Lightning input
4. LED battery level display screen
5. Power bank with HARDY® MagSynergy Ni+™ wireless charging feature

Package contents:

1. HARDY® MagSynergy Ni+™
2. User manual
3. USB-C/USB-C cable.

Introduction

HARDY® MagSynergy Ni+™ is made of high-quality aluminium components and plastic; it is dedicated to devices supporting MagSafe technology and devices with a USB-C port.

Charging the target device's battery is possible via a USB-C cable or a magnetic interface.

Specification:

Model: MS25-PRO

Battery: lithium polymer

Battery capacity: 5000mAh / 3.85V/19.25Wh

Nominal capacity: 3000mAh (5V/2A)

Lightning input: 5V = 2A

Input: 5V = 3A 9V = 2A 12V = 1.5A (USB-C/PD)

Output: 5V/2A 9V/2.22A 12V/1.5A (max)

Output: 5W/7.5W/15W (wireless output)

Number of charging cycles: 600

Operating ambient temperature: 0°C -40°C

User manual:

1. The built-in USB-C/PD port allows you to charge other devices with batteries using the included USB cable or via the MagSafe interface.
2. The same USB-C/PD port along with the Lightning port allows us to charge the power bank. We recommend not

using chargers stronger than 35W to charge the HARDY® MagSynergy Ni+™.

3. To start charging a device that needs to be charged via a USB cable, you only need to connect the cable to the power bank and the device being charged. The power bank will automatically detect the device and start the mode that best suits the device being charged.

4. If the power bank needs charging, connect it to a power source. Once fully charged, the device will automatically stop drawing power - you don't have to worry about overcharging. This is one of many safeguards we have implemented in this device to improve battery quality and extend its life cycle.

Warning: Do not charge the power bank if there are any signs of damage, leakage, or swelling of the battery. Also, do not connect the device to unknown, unverified, or faulty power sources.

Do not leave the power bank unattended while charging. Ensure that the power bank is in a well-ventilated area, away from flammable materials and heat sources.

What is nominal capacity and where does it come from?

The nominal capacity of the device specified in the device's specifications, expressed in mAh, is the total sum of the capacity of all cells. In practice, depending on the discharge method, e.g., using the voltage of the USB-C port 5V-2A or wirelessly 15W, there is a voltage

conversion, and the usable capacity will be about 65-70% of the nominal capacity. For devices using a voltage higher than 5V (QC, PD, Supercharge), the usable capacity will be correspondingly lower.

Recommendations:

It is not recommended to use high-voltage chargers (over 35W) or to allow the power bank to discharge completely. We recommend recharging the battery when the charge level drops to 10%. The device should be powered solely by a 3mk brand charger with a power not exceeding 35W and the USB cable included in the set. Even when not in use, the power bank should be regularly recharged.

How to charge the power bank?

You can perform the first charge of the power bank either immediately after unpacking it or after using the stored power.

One of the safeguards installed in the power bank is one that protects it from overcharging. This means that the device will charge only as much as necessary, and once the process is complete, it will automatically stop drawing power and inform us that the charging process is finished. The charging process should start by connecting the USB-C cable to the USB-C Out/In PD20 port. Next, we should connect the USB cable to a power source or the USB port

of a computer. Then, a digital indicator will appear on the LED display, indicating that the product is charging. The digital LED indicator will show 100% once the power bank is fully charged.

It is not recommended to charge the power bank with high-voltage chargers exceeding 35W or to discharge the power bank to 0%. We recommend topping up the device when the indicator shows that there is 10% energy remaining.

Tips:

1. The back surface of the phone with Qi charging should not be covered with metal materials such as plates, rings, metal protective cases, etc.
2. If the phone heats up or interrupts wireless charging, it may indicate that the phone's receiving coil is not perfectly aligned with the wireless charging coil or that there are metal objects in the Power Bank.
3. The product features overcurrent protection. If the product is used incorrectly, it will either shut down or reduce its output power, decreasing the charging speed.
4. Please do not place the product in water, fire, in an environment of medium temperature (above 45 degrees), or in a low-temperature environment (below -20 degrees). Do not allow children to play with the power bank.

5. To clean the surface, use a dry, soft cloth. Do not use chemicals, soaps, or detergents.

6. Please do not disassemble the device yourself. Improper use can shorten its lifespan or damage the product.

7. Please recharge the power bank regularly (recommended at least once every 5 months) to maintain its long lifespan.

8. The manufacturer is not liable for any personal or property damage caused by improper use.

9. Avoid using electrical devices or loads exceeding the product's output current.

10. Avoid strong physical actions, including knocking, throwing, stepping on, or squeezing.

11. We have included an additional protective film for the front cover of the power bank to protect it from scratching.

Wireless charging

Before placing your mobile phone on the wireless charging surface, ensure that the inductive charging feature is activated. The Power Switch button is used to switch charging modes. The procedure for changing the charging mode is as follows:

1. Press the Power Switch button for 1 second until the battery charge indicator appears on the screen.

2. To enable wireless charging mode, press the Power Switch button again quickly.

3. The wireless charging mode is activated, and a green light in the upper right corner of the display indicates this.

4. Only at this stage should you place the charging device on the wireless charging surface.

Warranty:

Improper use or incorrect placement of this product by users can result in a shortened lifespan or damage, and any resulting damages are not covered by warranty or are unaffected by the manufacturer's liability. The warranty covers manufacturing defects and material defects. The manufacturer's warranty is 24 months.

Disposal and recycling information:

This symbol on the product, battery, documentation, or packaging indicates that products and batteries should be handed over to designated waste collection points at the end of their life cycle. By doing so, WEEE waste is recycled and processed in a manner that safeguards valuable materials and protects human health and the environment.

Declaration of conformity:

Hereby, 3mk Protection declares that the product complies with the relevant EU harmonisation legislation: 2014/53/EU. The full text of the declaration of conformity is available at the following website (3mk.global/manual).

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