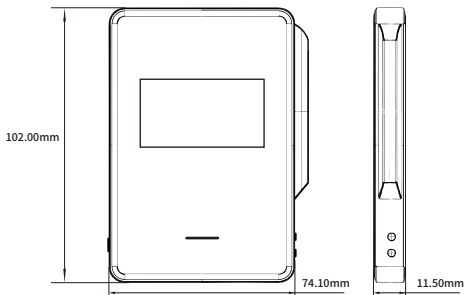


MeshPocket User Guide

Rev_1.0.1

All content in this document is based on a specific firmware version.
If the operations differ from your actual usage, please refer to the Meshtastic documentation
for your firmware version or consult Heltec support staff

● Specification



Parameters	Description
Battery capacity	5000mAh/3.87V(19.35WH);10000mAh/3.87V(38.70WH)
Rated capacity	3500mAh / 7000mAh (5V-2A)
Battery type	Lithium polymer battery
Battery charging	4.4V
Charging temperature	0~45°C
Working temperature	-10°C~45°C

● Specification

Parameters	Description
Storage temperature	-20°C~55°C
Type-C input	9V-2.22A, 5V-3A
Type-C output	9V-2.22A, 5V-3A
Wireless Charging	5W, 7.5W, 10W, 15W
Waterproof Features	Without waterproof features
Charge+Discharge	USB-C output (10W) + Wireless charging (5W)
Shell material	ABS, Tempered glass
Weight	140g / 220g
Dimensions	102.00*74.10*11.50 / 102.00*74.10*17.00 (unit: mm)
RF chip	nRF52840(BLE), SX1262(LoRa)
E-Ink	2.13 Inch

● RGB Description

Status		Indicator
Remaining battery	71%-100	Green light on steadily
	31%-70%	Yellow light on steadily
	11%-30%	Red light on steadily
	5%-10%	Red light flashing slowly at 0.5Hz
Output simultaneously	≤5%	The red light flashes rapidly at 2Hz, Extinguishes after 5 seconds
	1-30%	Red light flashing slowly at 0.5Hz
	31-70%	Yellow light flashing slowly at 0.5Hz
	71-100%	Green light flashing slowly at 0.5Hz
Fully charged		Green light on steadily
Standby (button triggered)		The current battery level color flashes at 1Hz
Foreign Object Detection (FOD)		Yellow light flashes rapidly at 2Hz, After 5 seconds extinguishes
Fault		Indicator light extinguishes, output shuts down

NOTE:

1. When the battery level is below 5%,both wireless and wired outputs will be turned off,but the device can still power Meshtastic
2. After touch sensing, if the wireless charger is not connected to a load, the light will not illuminate.

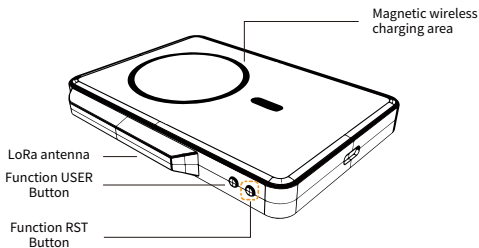
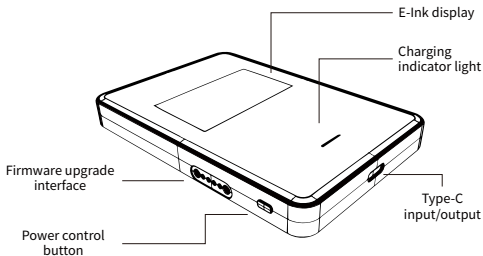
● Button Description

Button	Status	Indicator
Power	Single click	Turns on output, and the power indicator shows the current battery level
	Double click	Turn off wireless charging
	Long press	Turn off wireless charging and wired charging
User	Single click	Meshtastic display switching, Wake up
	Long press	Meshtastic sleep
RST	Single click	Reset Meshtastic

NOTE:

With firmware upgrades, the definition of the indicator light and buttons may change. Please refer to the official Heltec documentation page for the latest instructions.

● Components

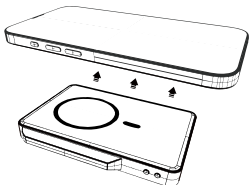


● Get started

Magnetic wireless charging

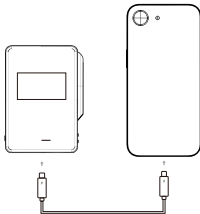
You only need to place the magnetic mobile phone on the magnetic wireless charging area of the mobile power supply to charge normally.

- Click "CTRL" button to turn on wireless output.
- Double click "CTRL" button to turn off wireless output.



NOTE: This product supports the automatic induction charging function of magnetic mobile phones.

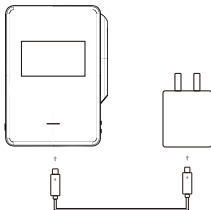
Wired charging



Use the Type-C data cable to connect the device to be charged and the magnetic power bank to charge the device to be charged.

- Long press "CTRL" to turn off Wireless output and wired output.

Charge the power bank



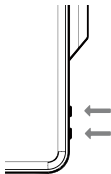
Connect one end of the Type-C data cable to the Type-C interface of the mobile power supply, and then connect the other end to the charger to charge the mobile power supply. During charging, the corresponding power indicator light flashes and the remaining power is displayed.

Meshtastic:

You can choose to disable the Meshtastic function when not needed:

1. Press and hold USER to open the operation menu
2. Tap to switch to "save & Exit"
3. Press and hold USER again to confirm and exit

Note: The steps may vary depending on the firmware version.



● Precautions

1. When the wireless charging output is abnormal or a foreign object (FOD) is detected, the wireless charging indicator light flashes yellow and recovers within 5S after it is released.
2. You can manipulate the Meshtastic interface with the buttons on the right side.
3. To ensure battery life, please charge it at least once every three months.
4. Do not expose this product to high-temperature environments or around heating equipment, such as cars, sunlight, heaters, microwave ovens, ovens and other high-temperature environments, as it may cause an explosion.
5. It is strictly prohibited to use unapproved or incompatible power adapters, charging cables, etc., which may cause fire, explosion or other dangers. Please use original or certified data cables.
6. Do not leave this product in an unventilated space for a long time, such as a handbag, etc. Confined spaces can easily cause fire and other dangers.
7. This product contains lithium-ion batteries. It is strictly prohibited to disassemble the product casing without permission to avoid damage to the battery core or fire hazard.
8. Do not drop, squeeze, puncture, short-circuit this product, or put it into water or fire to avoid fire hazards. Please dispose of this product in accordance with local regulations. Do not dispose of this product as domestic waste. Improper disposal may cause explode.
9. Please do not use this product during thunderstorms to avoid product failure or click hazards.
10. Do not come into contact with liquids and avoid dropping the product. If the product has battery swelling, leakage, deformation, etc., please stop using it.
11. Please keep this product out of reach of children.

● Resource

User guide: <https://docs.heltec.org/>

Resource station: resource.heltec.cn



User guide



Resource
station

Heltec Contact Information

Heltec Automation Technology Co., Ltd

Chengdu, Sichuan, China

Email: support@heltec.cn

Phone: +86-028-62374838

Website: <https://heltec.org>



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