

ICECO

Manual

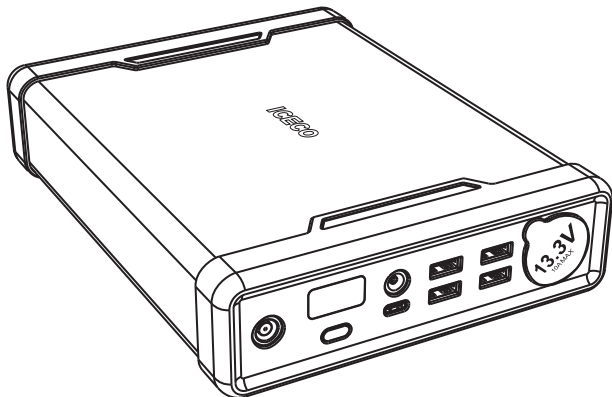
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PB250WH POWER BANK

On the go, Power you



Thank you for purchasing PB250WH from ICECO. To safely use this device, please read this manual carefully and keep it in a safe place. If you pass the mobile storage system on to another user, make sure that you hand over the instruction manual as well. Please keep any additional documents together with this manual.

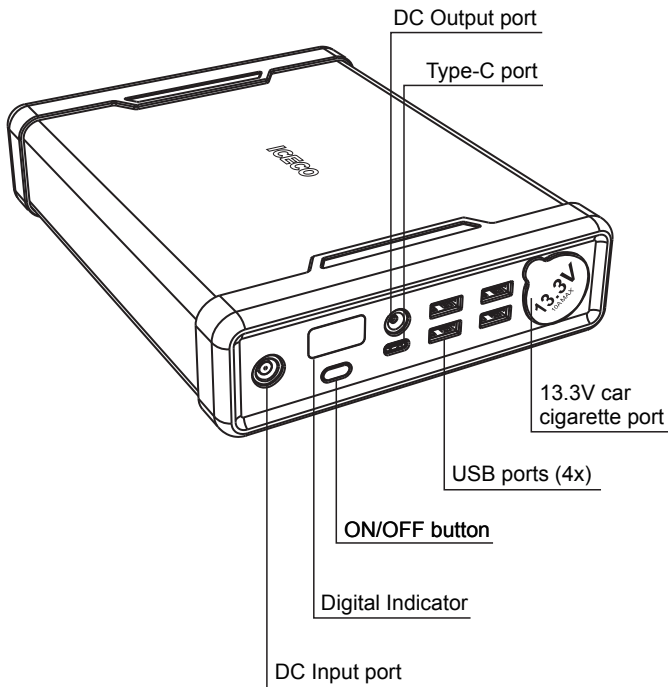


CHARGE FIRST! Before reading through the manual, you can begin to charge up your PB250WH by connecting it to the power supply provided and plugging it in at the wall.



Noncompliance with the safety instructions may cause injuries due to fire, electric shock, etc.

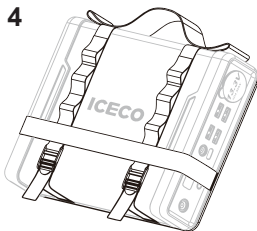
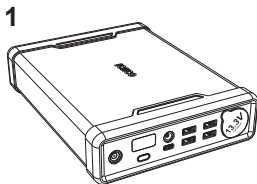
1. Get to know your PB250WH



Remarks: Press the button to turn on all the outputs. Press and hold the button for 2 seconds to turn it off.

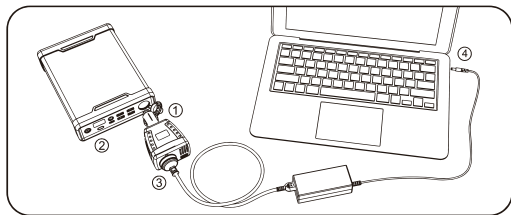
2. List of parts

No.	Item	Quantity
1	PB250WH Undead Car Charger	1
2	Instruction manual and warranty	1
3	AC Wall Charger	1
4	Carry bag	1
5	Type-C Output cable	1
6	DC Cigarette Lighter Plug Cable	1



Remarks: We strongly recommend using our kitting of standard car power inverter to get a better user experience.

How to use the nonstandard power inverter to charge laptop



Step 1: Plug the external inverter into the car cigarette port.

Step 2: Press the power button.

Step 3: Plug the laptop AC adapter into the outlet of the inverter.

Step 4: Plug the DC end of the adapter into your laptop.

3. Technical Specifications

Charge times

Wall charger (100W MAX)	3 hrs
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Charge times

Cell type	Lithium-ion
Pack capacity	250 Wh
Lifecycles	>300
Management system	Temperature control, Short circuit protection Over-charge and Over-discharge protection

Ports	
INPUT	12V-30V,100W MAX
Car Cigarette Output	13.3V,10A max
6mm DC Output	12V, 3A
Type-C Output	5V,3A max
USB Output	(4X) 5V, 2.4A (4.8A max)

General	
Net Weight	4.10 lb (1.86 kg)
Dimensions	245 x 195 x 130 mm (9.6 x 7.7 x 5.1 inch)
Operating temperature	32-113°F (0°C - 45°C)
Certifications	FCC, ROHS, CE, UN38.3
Warranty	12 months

4. Charging

4.1. What It Powers



iPhone 7
25 Recharges



**12V 5W
LED Light**
40 Hrs



12 Macbook
3.5 Recharges



Drone Battery
2.5 Recharges
(DJI Phantom 3)



65W Car Fridge
24 Hrs
(keep temperature)

**and
many
more**

Remarks: Continuous working hours depends on the power consumption of different devices

4.2. Charging via AC Wall Charger

Before using or storing, plug your PB250WH into the wall until it is fully charged.

Using the AC wall charger provided, plug your PB250WH into any wall outlet. When the digital indicator displays 100, PB250WH is fully charged. It will be fully charged in 7 hr with charging stops when full of energy.



The AC wall charger comes in two pieces. Connect the two pieces by plugging the cable into the box.

4.3. Using Your PB250WH

What is power from PB250WH

- DC 12V car socket: Car on-board Fridges, 12V appliances, etc.
- DC 12V 6mm ports: LED lights.
- Power Inverter: Laptops, Display Monitors, Electronic Appliances, etc.
- USB: Smart phones, MP3, Digital Cameras, E-Readers, Tablets, etc.

5. Announcements

5.1. How to use PB250WH

- Press the power button to turn on your PB250WH, then the digital indicator will display.
- Plug in your device for mobile power.
- You'll know if it's powering devices when the numbers of digital indicator change. The numbers indicate the remaining power of PB250WH.
- The system will shut down when the battery capacity is 0.
- If possible, keep your PB250WH fully charged before long-term non-use.

5.2. Best-use Strategy

- When recharging devices with PB250WH, take note of the Digital Indicator.
- If you plug in devices that have a high power requirement (Car refrigerator), the charge level of PB250WH can drop quickly and you will not be able to extract the entire 250Wh of energy.
- On the other hand, if you're charging devices that draw power more slowly (tablet or smartphone), you will be able to extract energy close to the full 250Wh from PB250WH. If you're experiencing shorter run times, you can check the device's power requirements.

- Cold temperatures (below freezing) can impact the PB250WH battery capacity and the output power. Charging Protection: The PB250WH can be recharged at temperatures ranging from 5°C to 45°C. When there is charging input in below 3°C or over 47°C conditions, the system would stop charging automatically; and system starts charging function again when temperature is over 5°C.
- Discharging Protection: The PB250WH can power your devices at temperatures ranging from 0°C to 45°C. When there is discharging output in below -15°C or over 63°C conditions, the system would stop discharging automatically; and system starts discharging function again when temperature is over 0°C.

⚠ ATTENTION ⚠

Make sure that the electronic device you are powering works properly prior to use.

The max. power consumption for electronic devices is 100W.

Due to the different types of electric devices, it is possible that they may not operate even if their power consumption is less than 100W.

5.3. Storage and Downtime Maintenance

- Please charge your PB250WH fully before storage and fully recharge your PB250WH every 3 months and store it in a cool, dry place. The storage temperatures range from -20°C to 45°C.
- If the system shuts down automatically because of lower battery capacity, please recharge it.
- Failure to maintain your PB250WH by following these steps can result in battery damage which will void the product warranty.

6. Frequently Asked Questions (FAQs)

What type of battery is in my PB250WH?

Your PB250WH used a 250Wh lithium ion battery pack. Lithium ion battery single is much smaller and lighter weight than normal lead-acid battery and also cycles are much longer time.

How do I know if my PB250WH is charged?

To check the charge level of your PB250WH, refer to the digital indicator display. When lit up, you'll see the numbers of remaining capacity change. You can turn on the battery display by push the power button. It is ok to use your PB250WH even when it's not fully charged.

How do I know if my device will work with the PB250WH?

First, you'll need to determine the amount of power your device requires. This may require some research, a good Google search or examining the user guide for your device should suffice.

Second, you will need to check the capacity for individual output ports. For example, the external power inverter that allows for 100W of continuous power. This means if your device is a pulling more than 100W for an extended period of time, PB250WH will shut off.

Finally, once you know your device is compatible, you'll want to determine how long you'll be able to power your gear from the PB250WH.

The Watt hours (Wh) of battery capacity means the amount of energy that can be stored in each recharger, and how you'll know your gear is compatible with each recharger. For example, a 200Wh recharger should run a 100W light for 2 hours ($200/100=2$).

Can I charge the PB250WH while supplying power at the same time?

The PB250WH power supply unit may supply current during charging process. During the charging process, the unit can also supply electric devices with current at the same time.

Can I take my PB250WH on a plane?

No, you can't. PB250WH contains a large number of lithium ion batteries not permitted to be taken on plane.

7. Troubleshooting

If your devices are not recharging as they should using PB250WH follow these steps:

- 1.Ensure the device has been switched on and the LED is showing the percentage of remaining charge.
- 2.Check the Battery Display. If it is at 20% or below, recharge your PB250WH.
- 3.Verify your device is suitable for use with the PB250WH.
 - a. All of the PB250WH output ports have their own max power. Check the PB250WH technical specifications to ensure your device is compatible.
 - b. Some devices with rechargeable batteries, like laptops and tablets, may draw more power when in use. In these cases, power down your device and recharge it.

8. Service life of lithium ion batteries

Charge, supply current and store between -20 and 45°C.

Using the battery at temperatures outside the lower and upper limits reduces the battery's running time.

Do not expose to water or rain.

To avoid the risk of electric shock, do not expose to water or rain for a long time.

Do not connect a continuous load of more than 100W.

The unit's output stops automatically in case of overloading, since it reduces the running time of the battery.

Do not continue to charge the battery after it has charged completely.

Pay attention to the indicated capacity. Do not charge the battery once it has been fully charged or the charging process has been concluded. Otherwise the service life of the lithium battery may be reduced.

Switch off the unit if it is not being used.

Unnecessary power consumption also reduces the running time of the lithium battery.

Fully charge the battery prior to placing it in storage.

Fully charge the power supply unit prior to lengthy periods of non-use for storage and recharge the unit at least once a year. After prolonged storage, it may be necessary to charge and discharge the battery several times in order to reach full capacity.

9. Disposal

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available, if electrical appliances are disposed in landfills or dumps, hazardous.

Dear valued customer,

Welcome to the ICECO community! We are here to assist you on every step of your journey with us.

Feel free to contact our after-sales team for any questions or concerns. We will do our best to solve your issue and make this a better experience for you.

It is our pleasure that you chose ICECO and put your trust in us. We highly appreciate if you can share your experience with your friends and family.

Yours Truly,
ICECO

