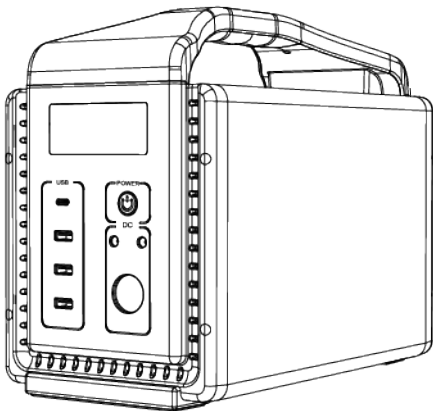


Model: TB600

# User Manual

**CAUTION!**

Thank you for purchasing our energy storage series products. Please read the user's manual carefully before using the product and keep it well. This manual helps you to operate this equipment correctly. But this is not an introduction to hardware and software configuration. For any product configuration, please refer to the relevant contract or consult your dealer. The pictures in this manual are for reference only, thank you.

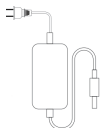
## Package Contents



1.TB600



2.DC to XT60

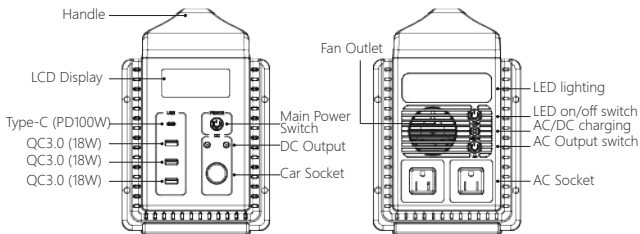


3.Adapter



4.User Manual

## INTRODUCTION



US/JP(x2)	 
EU(x1)	 
CN(x1)	 

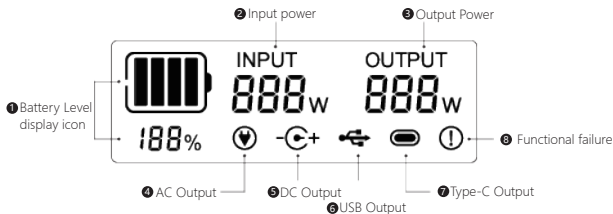
## SPECIFICATION

N.W net weight		7.5kg	
size		288X155X240mm	
Capacity		19.2V29Ah/556.8Wh	
Battery Type		Lithium batteries	
Rated Power		600W,Peak1200W	
Input	DC	22V5.45A,Max 120W	
	Type-C	20V5A,Max 100W	
AC Output	US/JP 4*AC output port	AC 100-120V~ 60Hz Rated Power: 600W	Peak Power:1200W
	EU/CN 4*AC output port	AC 220-240V~ 50Hz Rated Power: 600W	
DC Output	1x USB-C	PD100W ( 5V/9V/12V/15V/20V, Max 5A)	
	3x USB-A	QC3.0 ( 5V/3A, 9V/2A,12V/1.5A)	
	1x Car Socket	13V/10A	Total share 10A Max
	2x DC5521	13V/3A	

### CAUTION!

The AC output voltage and frequency will vary according to different countries or regions. Please refer to the actual product before use.

## LCD DISPLAY



## **1) Battery level display: battery level display icon, power on light icon (blue)**

(1.1) Full frame means the current power is 76~100%

(1.2) Three cells indicate the current battery level is 51~75%

(1.3) Two cells indicate that the current power is 26~50%

(1.4) One frame means the current power is 0~25%

\*When the battery is below 10%, the icon will flash (prompting timely replenishment)

## **2) Battery power percentage:**

Battery percentage icon, light up the icon (blue) to display the current battery level in numbers.

## **3) Current input power:**

Power on can display "INPUT", "888" (blue) real-time display of the current charging power; "W" indicates that the unit is "watt".

## **4) Current discharge power:**

Power on can display "OUTPUT", "888" (blue) real-time display of the current discharge power; "W" indicates that the unit is "watt".

## **5) AC AC output:**

In the power-on state, click the "AC" button to light up the icon; you can discharge the AC load at this time.

If no AC load is detected for two hours, the AC output is automatically turned off and the icon is extinguished.

## **6) DC AC output:**

In the power-on state, click the "DC" button to light up the icon; at this time, DC2, DC3, cigarette lighter, can be output.

If no DC load is detected for two hours, the DC output is automatically turned off and the icon is extinguished.

## **7) USB output:**

The icon can be lit automatically when the USB-A is inserted into the load while the power is on or off.

If no USB-A load is detected for 15 seconds, the USB output is automatically turned off and the icon is extinguished.

## **8) Type-C output/input:**

Type-C plugged into the load in the power-on or power-off state, which automatically lights up the icon.

Extinguish the icon within 3 seconds when the Type-C load is removed.


This icon can be automatically lit when Type-C is used as an input to charge the product.

## **9) Functional fault display:**

The following status will flash: when the socket is detected as over-voltage, over-temperature, over-current, short-circuit protection, etc.

\*When the icon flashes, the corresponding output will be turned off, the socket load will be unplugged, and the device within the specification will be charged and discharged normally.



### 1) How to power AC appliances ?

On the main Power switch, insert the electrical plug into the power AC socket, turn on the AC switch, and the power can be supplied, and the AC indicator  on the display is on. When turning off the AC switch or unplugging the electrical equipment, the indicator light on the display goes out.




According to your existing AC equipment, the rated power is <math><600\text{W}</math>, suitable for digital equipment such as laptop computers, fans, electric blankets, electric rice cookers, small ventilators, etc.

### 2) How to use USB/DC Output

- a. Turn on the main battery switch, click the main switch again to turn on the LED, and insert the plug of the electrical device into the USB socket to supply power. At the same time, the USB indicator  on the display screen or lights up. When the electrical equipment is unplugged, the indicator  light on the display goes out.



Support 9V/5V USB power supply for electronic products, such as smart phones, tablet computers, digital cameras, drones, etc

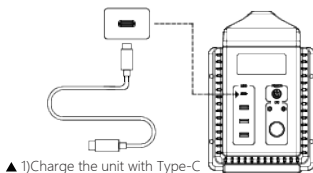
- b. Turn on the main battery switch, click the main switch again to light up the LED, and insert the plug of the electrical device into the DC socket to supply power. At the same time, the DC indicator  light on the display is on. When the electrical equipment is unplugged, the indicator light on the display goes out.



Support DC12V devices, such as vacuum cleaners, charge pumps, electric wrenches, car refrigerators, etc.

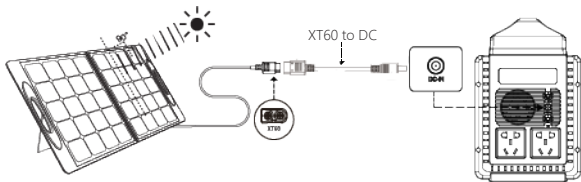
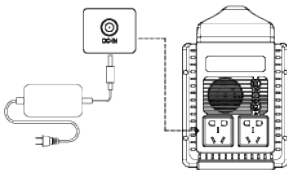
## 1) Charging via Type-C

Charging the product using the charging cable connected to the Type-C port of the product. When fully charged, the battery display symbol remains full and the power display shows 100%.



## 2) Charging via DC-IN

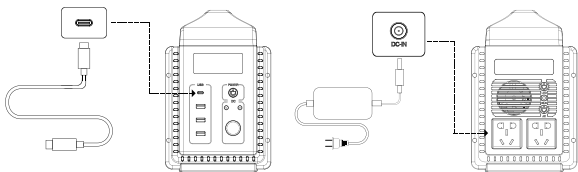
- a. Using AC adapter for charging, the adapter is connected to the product charging port (DC-IN) to charge the product.
- b. Using PV charging, PV connects to the product charging port (DC-IN)



### 3) Charging via Type-C + DC-IN

Also use the Type-C charging cable to connect to the Type-C port of this product; The adapter connects to the DC-IN port to charge the product.

When fully charged, the battery display symbol remains full and the power display shows 100%.



▲ 3) Charge the unit with Type-C + DC-IN

## FAQS

### 1) Can the product be taken on the plane?

No, because this product has built-in lithium battery, according to the international air transport standard conditioning, carry lithium battery products can not exceed 100WH.

### 2) What devices can the product AC output port take?

The AC output port of the product can power most household devices. We recommend checking the power of your equipment before using it. Make sure the total power of all load devices is lower than the rated power.

### 3) Why is there a sound when the product is used?

The product adopts air-cooling system, built-in fan can better help the product heat dissipation so as to achieve the effect of high conversion rate, when using a slight noise is a normal phenomenon.

### 4) Is it normal for the charger to heat up when the product is charging?

Charging charger heating is normal, the standard charger in line with national safety standards. You can rest assured to use!

### 5) How to clean this product?

Please use a dry, soft, clean cloth or paper towel to wipe this product.

### 6) How to store the products?

When storing, please first turn off this product and then store it in a dry, ventilated place with room temperature environment. Do not place this product near a water source. For long-term storage, it is recommended that the battery be discharged to 30% and then recharged to 60% every three months to extend the life of this product.

## DAILY USAGE TIPS

- 1) This product uses high-quality original lithium-ion batteries, no memory effect, large capacity, and durable. Recommended to use it within the range of 10°C~30°C to get the best charging performance.

- 2) Please stay away from TV, radio and other equipment to avoid interference when charging.
- 3) Please disconnect the power cord and keep it if not to use this device for long time.

## WARRANTY

This device TB600 provides an 24-months warranty.

## CAUTION

- 1) Avoid storing coins, jewelry, keys and other metal items together to avoid short circuit.
- 2) Keep away from heat sources, do not throw in the fire water and other liquids, high temperature, including direct sunlight.
- 3) This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge (including live children) unless they are supervised or instructed by a person responsible for their safety. Supervision or guidance on the use of the equipment by the person responsible for their safety.
- 4) Children should be supervised to ensure that they do not play with electricity.
- 5) It is normal that the device may become hot while charging. Do not cover the device with towels, clothing or other objects.
- 6) Please dispose of the waste products according to the regulations and do not dispose of the built-in battery as household garbage to avoid explosion.
- 7) This product is only used for emergency energy storage power supply and cannot replace the standard DC or AC power supply for household appliances or digital products.
- 8) Your device has a non-removable rechargeable battery inside. Do not attempt to remove the battery or you may damage the device.



Recharge device every 3 months



Use original certified cable



No contact with liquids



Do not disassemble



Prevent from falling



Prevent from high temperature