

## User Manual

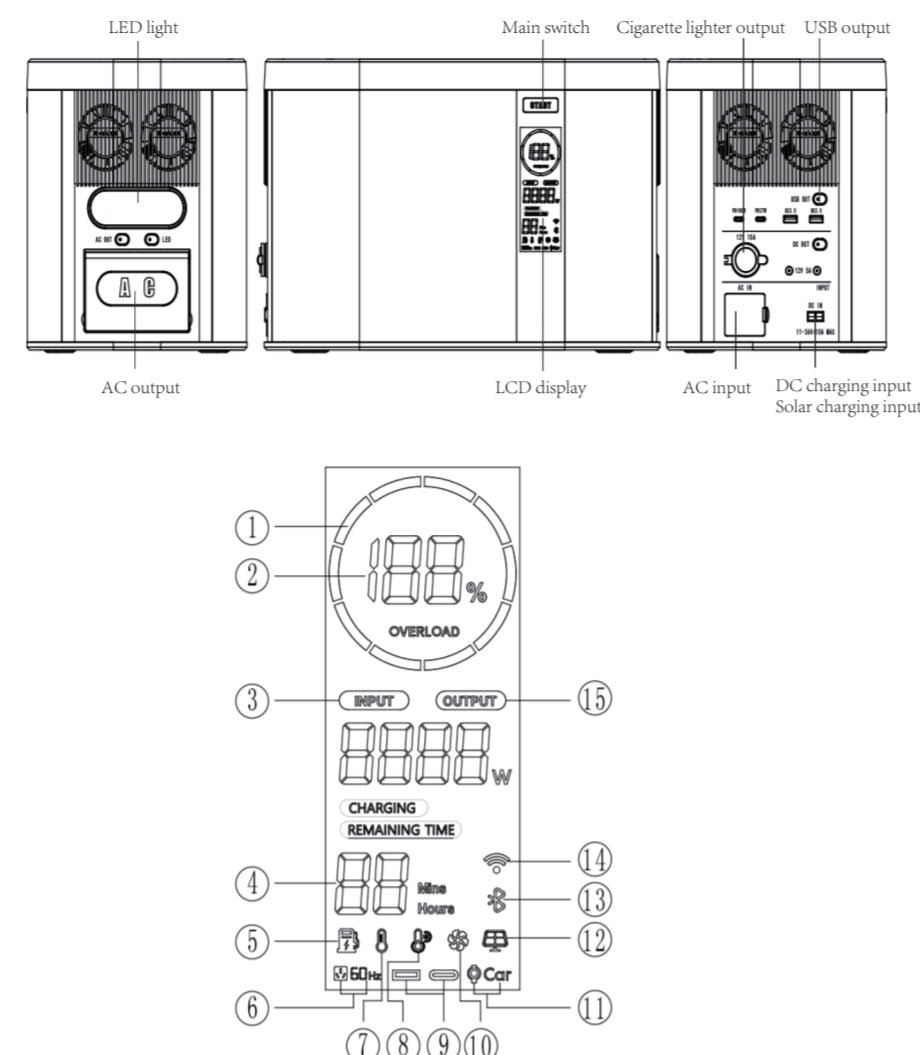
### Portable Power Station 1200W

## Important Safety Information Notes

### Warning

- Do not short-circuit the unit. To avoid short-circuiting, keep the unit away from all metal objects (e.g. coins, hair-pins, keys, etc.).
- Do not heat the unit, or dispose of it in fire, water or other liquids. Keep away from high temperatures.
- Do not expose the unit to direct sunlight. Keep away from high humidity, dusty places.
- Do not disassemble or reassemble this unit.
- Do not drop and place heavy objects on, or allow strong impact to this unit.
- This appliance is not intended for use by person (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given Supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The unit may become hot when charging. This is normal. Be careful when handling.
- Use the unit properly to avoid electronic shock.
- The product is only used for emergency power station, it can not replace the standard DC or AC power of household appliances or digital products.
- Do not overcharge the internal battery. See Instruction Manual.

## Product introduction:



## The description indicated by the display:

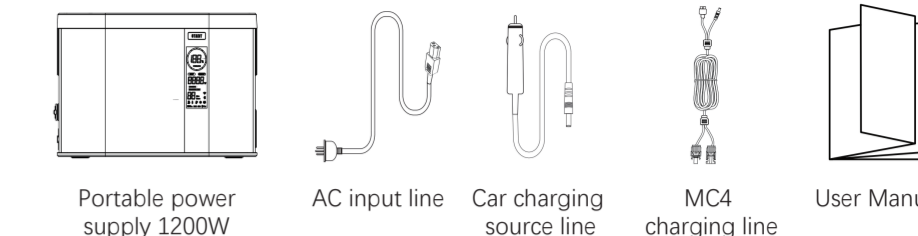
The LCD display shows the charging and discharging status of the product. When you use the product, the LCD display shows the remaining power.

NO.	Name	Brief Description of Functions
①	Running lamp indicator	/
②	Power identification	Display the corresponding power level and turn on the running lamp when charging
③	Charging power indication	8888 display INPUT power figures
④	Charging and discharging remaining time indication	When charging, it indicates the remaining charging time, and when working, it indicates the remaining available time
⑤	Battery pack high temperature indication	Battery pack high temperature alarm display
⑥	AC frequency	Click the AC button when the display is lit, AC output is workable
⑦	High temperature alarm	Indicates the temperature alarm of the inverter, and the condition is 90-95 degrees
⑧	Battery pack low temperature indication	Battery temperature below 0°C, it won't charged
⑨	USB interface indication	When the display screen is lit, click the USB button, and the USB output can work
⑩	Fan	When the temperature reaches 40 degrees, the cooling fan operates
⑪	DC interface	Click the DC button when the display is lit, Cigarette Lighter and DC1/2 output is workable
⑫	Solar energy indication	Photovoltaic charging display
⑬	Bluetooth	/
⑭	Wireless charging	Click the USB button when the display screen is lit, and the wireless charging device is in standby mode. It works normally when in contact with the wireless charging device.
⑮	Discharge power indication	8888 display OUTPUT power figures

## Technical parameters:

Specification (total output rated power 1200W)			
Solar energy input	11-36V/10A(MAX.)	Weight	Net weight: 15.7Kg
PD output	PD output: 100W PD output: 27W	Size	406*223*255mm
Battery capacity	Lithium iron batteries 54Ah @22.4V 1209.6Wh	Service life	> 2000 cycles
AC output	Municipal power output 120V 60Hz Rated power 1200W		Pure sine wave, Peak power 2400W
Cigarette Lighter output	12V/8.3A, Total output of 100W at the same time as DC1/2	DC1/2 output Specifications: 5521	Single port output 12V/5A, Output a total of 100W at the same time
QC 18W output	QC3.0 5V/3A, 9V/2A, 12V/1.5A		
USB output	/	Certificate	RoHS
Software management system	Overcharge protection Short circuit protection Overdischarge protection Overcurrent protection Overvoltage protection Overtemperature protection Overheat protection Overload protection Dormancy protection Battery protection	Storage environment temperature	-20~+60°C
		Working environment temperature	Discharging temperature -20~+55°C Recharging temperature 0~+50°C

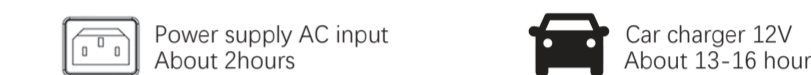
## Package content:



## Instructions:

### Charging mode

- Before using or storing the product, please use the AC charging line to plug into the AC input port to be fully charged. The LCD screen will show the current charge. When the LCD screen shows 100%, it is full. The charging process takes 60 minutes to charge 80%, and the charge lasts about 1.5 hours.
- DC6530 charging port(DC≥20V) supports a maximum of 200W charge for about 7-10 hours.
- Solar charging input port supports 11-36V wide range input voltage charging mode, and supports MPPT solar maximum power tracking function; supports solar input charging, supports maximum input power 200W.



\* 200W solar photovoltaic panel  
About 7-10 hours (the charging time is determined by the sun's light intensity-supporting solar photovoltaic panel charging (11-36V)

Support wireless charging, adapt to all current wireless charging mobile phones, the maximum power supports 15W charging

## Application Equipment:

- USB output port: as an energy storage power source for outdoor office power, it can connect consumer digital devices such as smartphones, tablet computers, smartwatches, digital cameras, e-readers and so on.
- Car charging output port: car refrigerator, car inflatable pump, car vacuum cleaner.
- DC output port: UAV, router, car refrigerator and other 12V power supply equipment, outdoor photography, off-road enthusiasts outdoor electricity, TV station recording equipment outdoor power consumption.
- AC output port: outdoor lighting power consumption, field maintenance emergency power consumption of telecommunications departments, emergency power consumption of mines, oil fields, geological exploration, geological disaster rescue, etc.

## Usage:

- Click all keys to use, and click close again.
- Click the LED button, turn on the LED light, click again, the Led light is enhanced, press again, start the SOS LED flashing, press again, turn off SOS LED.
- Press the power button on each port you will use, and when the corresponding icon appears on the LED display, the output port is turned on and the corresponding device can be powered on.
- The product supports input charging and output discharge at the same time.
- When the charge and discharge is completed, please pull out the connection cable in time.

## Note:

- For the first time, it is recommended that the mobile power supply should be fully charged and the three-plug cord input line should be used.
- Insufficient power is shown during use, please recharge as soon as possible.
- When the power port is not in use, press the on key to turn it off to save power.
- If the product is not used for a long time, it should be recharged every 3 months. It is better to keep the electricity at 60%, 80%, and store it in a cool and dry place.
- After long-term storage, the product needs to be charged and discharged several times to obtain the best use effect.
- The screen shows that the current energy available time of the product varies with the change of the current output power, the power of the load is not constant, and the display time is only roughly estimated based on the current power.

- When the device power of the AC output port is less than 3W, the output will be turned off automatically after 1 hour of work.
- When the USB output port uses the device power less than 1W, the product will automatically turn off the output after working for 1 hour.
- When the DC or the vehicle charging output port uses the device power less than 1W, the output will be turned off automatically after working for 1 hour.
- AC output power lasts 1200W (peak 2400W), exceeding the maximum power of 2400W 0.2s, the product will automatically turn off the power supply to protect the product from damage due to overload use. The AC output side overload short circuit will alarm flicker, the screen appears exclamation point, remove the fault and then re-open the AC button.
- The USB output terminal is overloaded, short-circuited and has no output. Remove the load fault device and release it.
- DC and car charging output short-circuit overload will alarm, DC symbol flashes, re-open the DC button to release.

## Warranty and Service:

### Product Warranty Information:

Applicable product	Warranty coverage	Warranty period (month)	Type of service
Main engine	Whole	24	Customers send or send repairs

## Comments and instructions:

This warranty card is the warranty certificate of ZH and products. With this card, you can enjoy the after-sales maintenance service provided by the authorized maintenance center. Please keep it properly.

- All users who buy records and products will enjoy the "three guarantees" service in accordance with the relevant provisions of the state.
- Users who buy this product can enjoy an two-year free warranty, which is limited to the mainframe and does not include accessories and gifts (shell damage fee).
- If the warranty fails free of charge under the following circumstances, maintenance services can be provided, but the material fee and service fee shall be charged during maintenance:
  - Damage caused by force majeure.
  - Damage caused by human factors, including damage caused by using in abnormal working environment and not in accordance with the operating instructions.
  - The user dismantles the machine by himself, modifies it, repairs it or maintains it in an unapproved and authorized maintenance center.
  - No product warranty card and valid purchase voucher (invoice).
  - The product serial number does not match or is damaged.
  - Expired free warranty.

## Warranty Certificate

Product information	Product Model: _____ Product No.: _____
	Invoice No.: _____
	Purchase Date: _____
User information	User Name: _____ Tel: _____
	Mailing Address: _____
	Postal Code: _____
Reseller information	Name Of The Organization(Valid With Seal): _____
	Mailing Address: _____
	Postal Code: _____ Tel: _____
Maintenance unit information	Name Of The Organization(Valid With Seal): _____
	Mailing Address: _____
	Postal Code: _____ Tel: _____
Logistic code:	_____

Do not place equipment and its accessories in the trash. Items must be properly disposed of in accordance with local regulations. See [www.epa.gov](http://www.epa.gov) for additional information.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

#### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.