

ALL-POWER™

E1500 User Manual



DISCLAIMER

Before use, please read the user's manual of this product to ensure that it is used correctly when fully understood. After reading, please keep the user manual in a safe place for future reference. Failure to operate this product correctly could cause you serious injury to yourself or others, or result in product damage and property loss. By using this product, you are deemed to have understood, recognized and accepted all the terms and contents of this document. Users undertake to be responsible for their own behavior and all the consequences arising therefrom. Product Manufacturer is not responsible for all losses caused by the user's failure to use the product in accordance with the User Manual.

In compliance with laws and regulations, the Company enjoys the final interpretation of this document and all related documents of this product. In case of updating, revision or termination without prior notice.

1. Parameter specifications

parameters

weight	约 18kg
sizes	392 x 280 x 345mm
capacity	1536Wh, 51.2V

Output Specification

AC output (x2)	pure sine wave 1500W 120V~60Hz
USB-A (x2)	5V---2.4A (constant pressure) , Max power 12W
USB-A quick charge (x2)	5V---2.4A 9V---2A 12V---1.5A 20V---3A(constant pressure), Max power 60W
USB-C (x2)	5/9/12/15/20---5A (constant pressure) , Max power 100W
Car Charger Output	12V/10A, Max power 120W
DC5521 exports (x2)	12V/3A
wireless charging	5V---3A (constant pressure) , Max power 15W

* Car charger and DC5521 power sharing, maximum output 120W

Input Specification

AC Input Power	250W, 1.1A
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AC Input Voltage	110-240V
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Solar Charging Input	12-36V, 120W Max
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Battery Specifications

Cell materials	LFP
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Cycle life	More than 80% remaining capacity after 800 cycles
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Type of protection	High-temperature protection, low-temperature protection, over-discharge protection, over-charging protection, overload protection, over-current protection, short-circuit protection
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operating temperature

Best use of the ambient temperature	20°C-30°C
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Discharging ambient temperature	-10°C-40°C
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Charging ambient temperature	0°C-45°C
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Storage ambient temperature	-20°C-45°C (20°C-30°C best)
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* The ability of this product to charge and discharge depends on the actual temperature of the battery pack.

2. Security guidelines

2.1 Use

1. It is strictly prohibited to place this product near a heat source, such as a fire source or a heating furnace, while it is working.
2. It is strictly prohibited to let this product come into contact with any liquid, do not immerse this product in water or get it wet. Do not use the product in the rain or wet environment.
3. Prohibit the use of this product in a strong static electricity or strong magnetic field

environment.

4. Do not disassemble or puncture the product with sharp objects in any way.
5. Prohibit short-circuiting the product with wires or other metal objects.
6. Do not use unofficial parts or accessories. If you need to replace them, please go to the official sales channels of JAC Power to check the relevant purchasing information.
7. When using this product, please strictly follow the operating environment temperature in this user manual. If the temperature is too high, the battery may catch fire or even explode; if the temperature is too low, the performance of the product will be seriously reduced, or even unable to meet the requirements of normal use.
8. Prohibit stacking other heavy objects on the product.
9. Prohibit the use of the process of forcibly blocking the fan, or let the product is not ventilated or dusty space.
10. Please avoid impact, fall, violent vibration, such as serious external impact, please immediately turn off the power to stop using. Please fix it well during transportation to avoid vibration and impact.
11. If the product is accidentally dropped into water during use, please place it in a safe open area and keep it away from the product until it is completely dry. The dried product should not be used again and should be disposed of properly in accordance with section 2.2 of this document. If the product catches fire, use fire extinguishing equipment in the following recommended order: water or water spray, sand, fire blanket, dry powder, carbon dioxide fire extinguisher.
12. If there is dirt on the interface of this product, please wipe it off with a dry cloth.
13. Please place the product carefully to prevent the product from tipping over and causing damage. If the product falls over and is seriously damaged, turn off the power immediately, place the battery in an open area away from combustible materials and people, and dispose of it in accordance with local laws and regulations.
14. Please store the product in a place where children and pets cannot touch it.
15. Store the product in a dry and ventilated place.
16. In humid environments (seashore waterfront and other environments) it is recommended that equipped with moisture-proof bag to use, avoid soaking in water soak, if you find that the product internal water, shall not be used again / power on, please do a good job of anti-electricity measures before touching the product, please immediately static in the safety of the waterproof open area, and immediately contact JAC Power customer service to deal with.
17. This product is not recommended to be used for personal safety related medical emergency equipment power supply, including but not limited to medical grade ventilator (hospital version CPAP: continuous positive airway pressure), artificial lungs (ECMO, Extracorporeal Membrane Oxygenation), etc. In addition, the product is not recommended to be used for medical emergency equipment power supply. Oxygenation), etc. In addition, home version CPAP can be used in a home environment and can be used normally without constant professional monitoring. Please follow medical advice and consult the manufacturer for restrictions on the use of the equipment, and if it is used for general medical equipment, be sure to keep an eye on the status of the power supply to ensure that it does not run out of power.
18. Power supply products inevitably generate magnetic fields during use, and these electromagnetic fields may affect the normal operation of implanted medical devices,

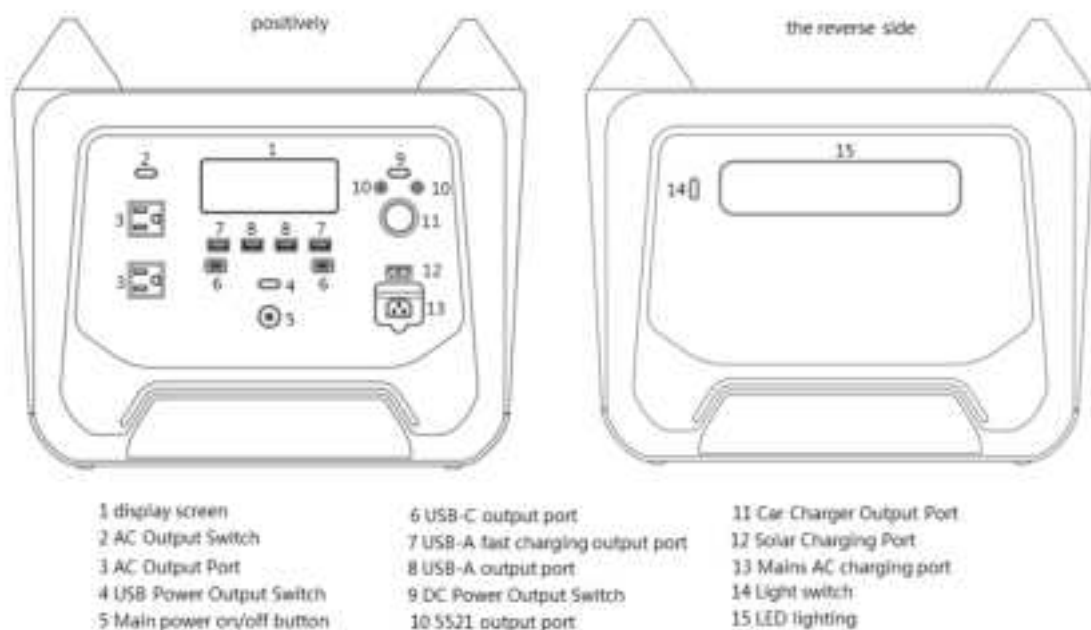
such as pacemakers, cochlear implants, hearing aids, defibrillators, etc. If you use these medical devices, please follow your doctor's instructions and consult the manufacturer for restrictions on the use of the device. If such medical devices are used, consult their manufacturers for restrictions on the use of the devices in question to ensure that this product operates at a sufficiently safe distance from implanted medical devices (such as pacemakers, cochlear implants, hearing aids, defibrillators, etc.).

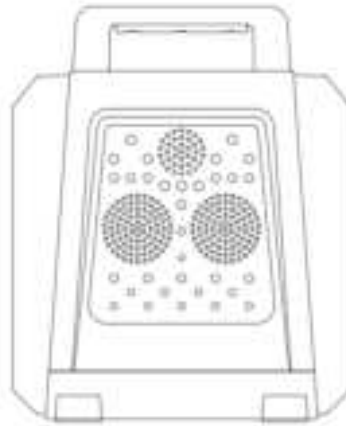
2.2 Disposal

1. When conditions permit, be sure to completely discharge the batteries of this product before placing it in the designated battery recycling bin. This product contains batteries, which are hazardous chemicals and are strictly prohibited from being disposed of in regular garbage bins. For details, please follow local laws and regulations on battery recycling and disposal.
2. If the battery cannot be completely discharged due to the product's own fault, please do not dispose of the battery directly in the battery recycling bin, but contact a professional battery recycling company for further processing.
3. After over-discharging, the battery will not be able to start, please dispose of it as discarded.

3. Beginner's guide

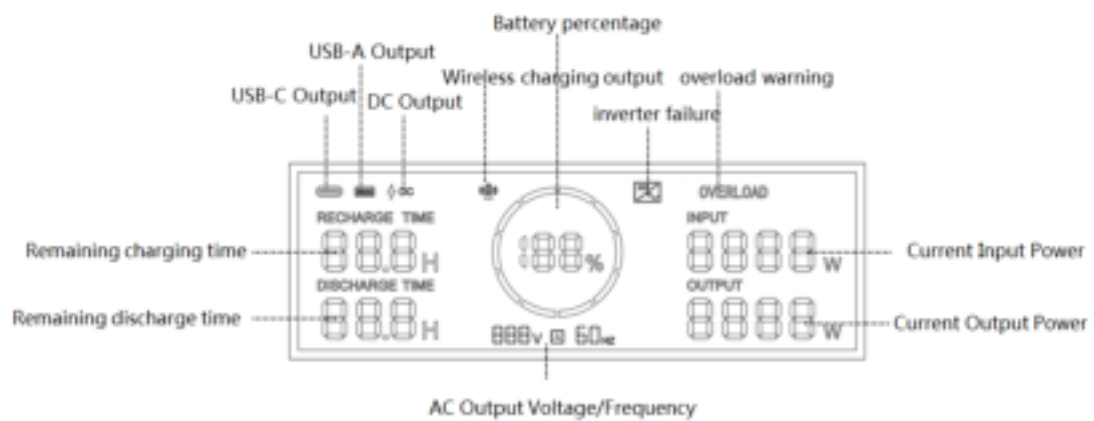
3.1 Product Appearance Introduction





Ventilation and cooling holes

3.2 Introduction to Display Icons



3.3 Product use



Press and hold to turn on



Long press to turn off

Power on, power off and display illumination

Long press the main power switch and hear "beep beep beep" to turn on the machine, the display is lit up after the machine is turned on. When this product lasts for 5 minutes without any operation, the product enters the dormant state and the display will automatically go out. When there is a load change or operation of the product, the display will light up automatically. To turn the display on or off, press the main power switch briefly.

Long press the main power switch to turn off this product.

The default standby time of this product is 2 hours. If the other output power switch is not turned on and the product is not connected to any load, the product will automatically turn off after 2 hours.

Using the USB output

After ensuring that the main power switch is on, press the USB power output switch briefly to use the USB output port. Short press the USB power output switch again to turn it off.



Short press the USB power output switch

Using the DC power output

With the main power switch on, short press the DC power output switch to turn on the

DC output port. Short press the DC power output switch again to turn it off.



Short press on the DC power output switch

Using the AC Output

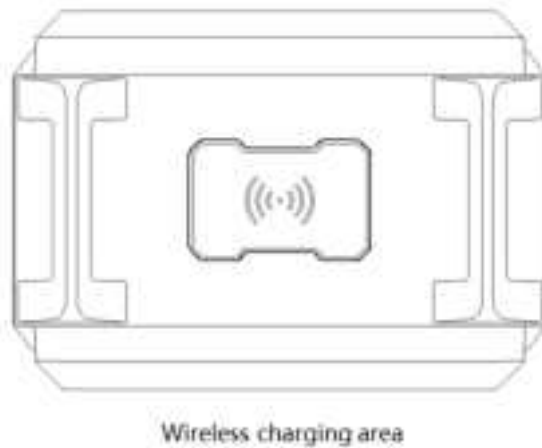
After ensuring that the main power switch is on, press the AC power output switch briefly to turn on the AC output port. Short press the AC power output switch again to turn it off.



Short press the AC power output switch

Use wireless charging output

After making sure the main power switch is on, short press the USB power output switch to turn on the wireless charging function. Place the device that can accept the wireless charging function in the wireless charging area to charge. Short press the USB power output switch again to turn it off.



3.4 AC charging

After turning the power on, connect the plug of the charging cable to the wall outlet and the other end to the AC input port of the power supply. The device automatically enters the charging state, the display shows the current charging power and the remaining charging time, and when the battery SOC reaches 100%, charging automatically stops.



3.5 Solar charging

Users can charge this product by connecting solar panels in series as shown.



* When using the solar panel to charge this product, please make sure your solar panel symbols the following conditions: Open circuit voltage range: 12V-36V Maximum input current 10A Maximum input power: 120W.

4. Frequently Asked Questions

1. What type of battery does the product use?

The product uses high quality lithium-ion batteries.

2. What devices can the product AC output port take?

The product's AC output port has a high power rating and maximum power to power most household devices. We recommend checking the power of your devices before use to ensure that the combined power of all loaded devices does not exceed the rated power.

3. How do I know how long the product will power up?

The product's display will show the remaining battery life, which can be estimated for devices that generally use stable power.

4. How can I tell when the product is charging?

When the product is charging, the display will show the remaining charging time and the current input power. 5.

5. How do I clean the product?

Please use a dry, soft, clean cloth or paper towel to wipe the product. 6.



6. How do I store the product?

When storing the product, please turn off the power switch of the product first, and then store it in a dry, ventilated place with room temperature environment. Do not place the 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 the product.

7. Can this product be taken on an airplane?

No.

5、 Fault display and processing

Abnormality Icon Contents	Exception Type	Abnormality recovery method
 icon display	inverter failure	Please contact after-sales
 icon display	AC output overload	Remove the overpowered device and reboot the machine to restore it

If an alarm prompt appears during the use of this product and the alarm icon does not disappear after restarting the machine, please stop using it immediately (do not try to charge or discharge it).

If none of the above information solves your problem, please contact customer service for advice.

6. Package contents



E1500 Portable Power Station



AC charging cable



User manual and warranty card

7. How to maintain and care

1. It is recommended to use or store the product in an environment of 20°C to 30°C, away from water, heat sources and other metal objects.
2. For long term storage, please charge and discharge the product every 3 months (first discharge the product to 30%, then recharge it to 60%).
3. For safety reasons, please do not store the product for a long period of time in an environment higher than 45°C or lower than -10°C.
4. In order to prolong the service life of the battery, it is recommended to use the product in an environment of 20°C to 30°C.
5. If the battery level is less than 1% after use, please charge it to 60% before storage. If the product is left unused for a long period of time with a severely low battery, it will cause irreversible damage to the battery and shorten the service life of the product.
6. If the product is seriously low on power and has been idle for too long, the product will enter deep sleep mode and will need to be recharged before it can be used again.

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.