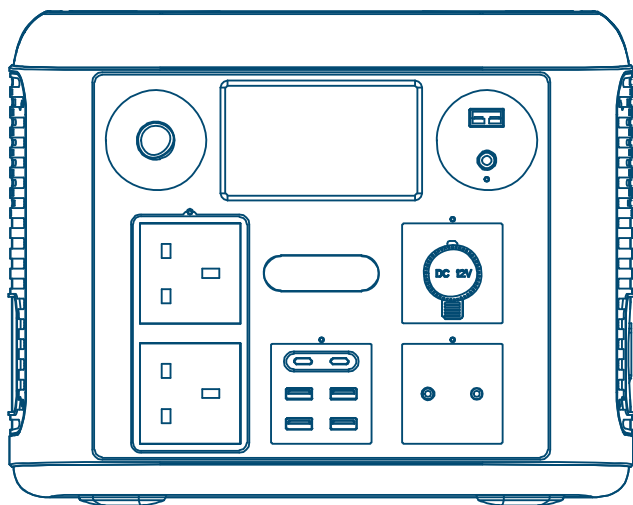# Portable Power Supply

S1500W

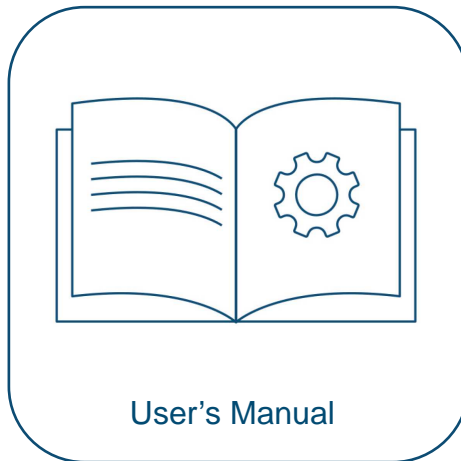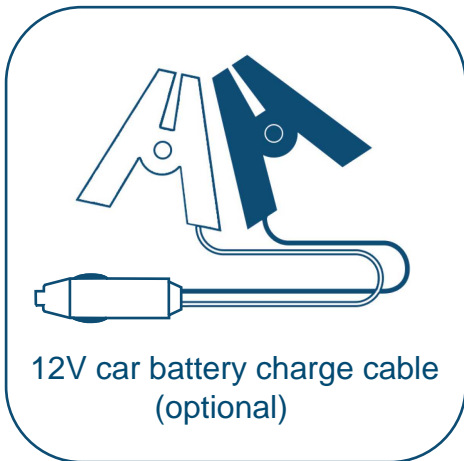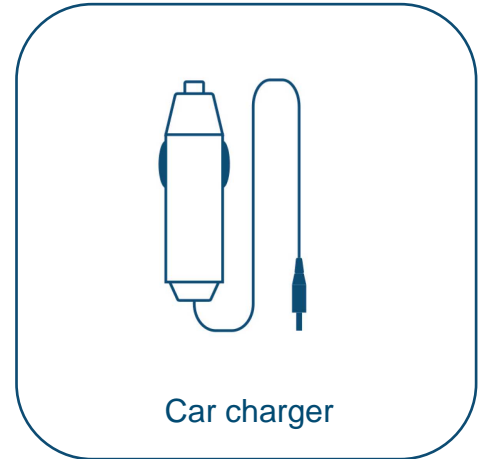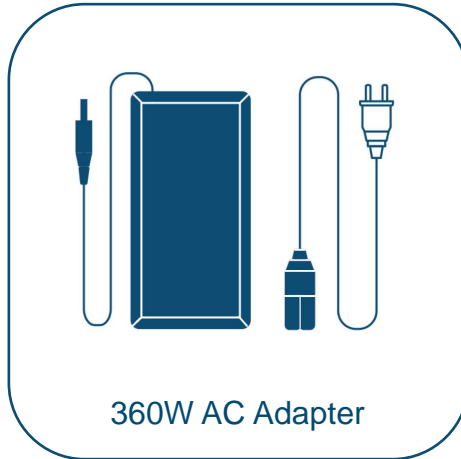# User's Manual

- LCD screen function introduction
- Main menu function introduction
- How to charge the power supply
- Interface introduction
- How to use the AC output
- How to use the DC output
- How to use wireless charging output
- How to use LED lighting
- How to recharge the car battery
- How to download the Bluetooth APP and operate
- Parameter Details
- Precautions
- Product warranty

Connect the power supply to charge the Portable power supply

This manual is used to guide how to use the product, if you have any questions, please contact us

Products and Accessories

Portable power supply

360W AC Adapter

Car charger

12V car battery charge cable
(optional)

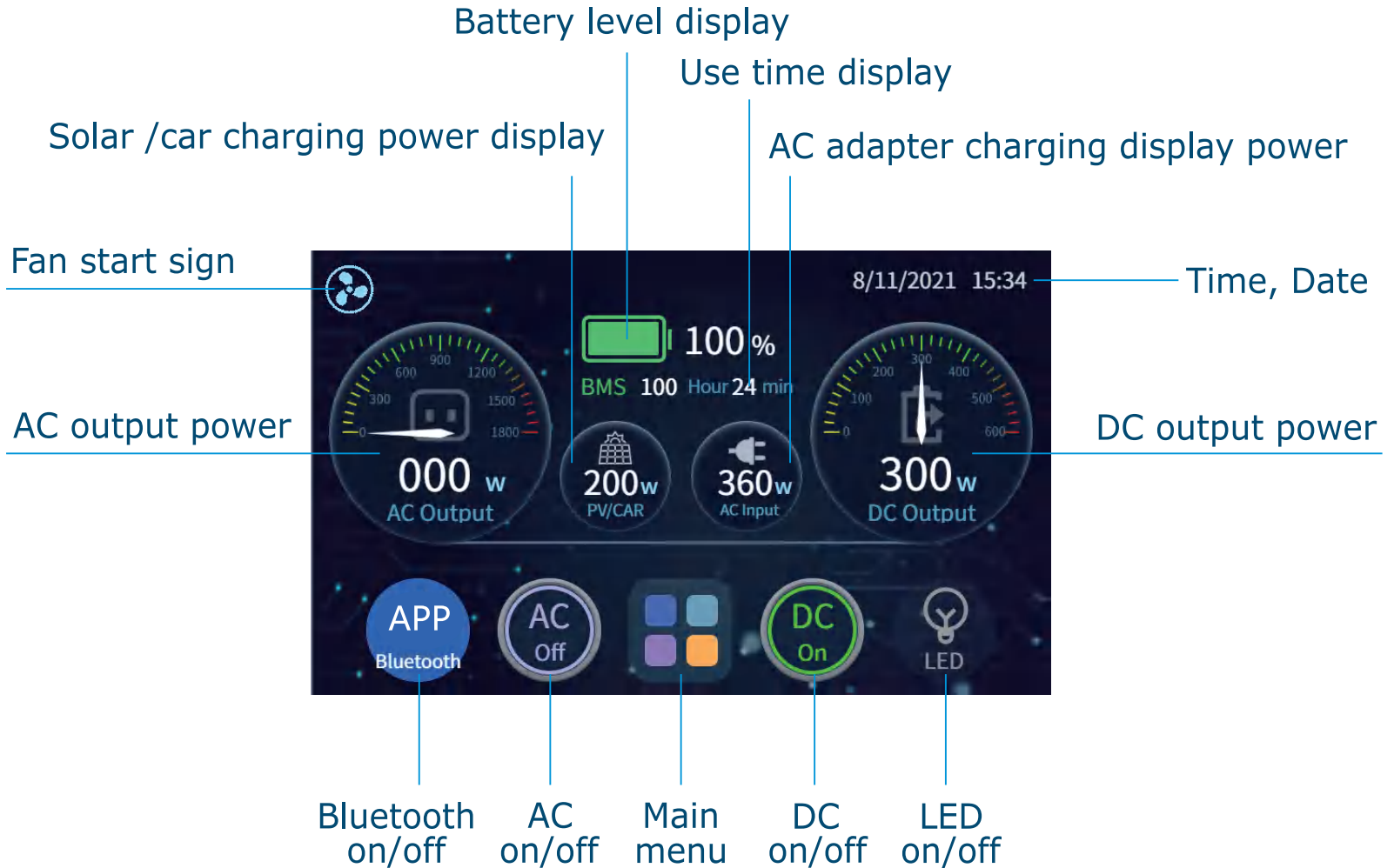User's Manual
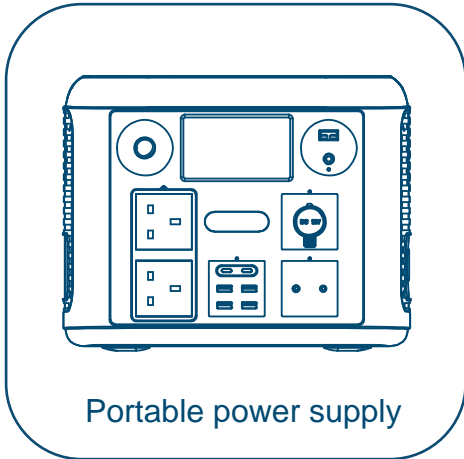
LCD screen function introduction

4.3″ HD(high-definition) LCD touch screen(Resolution: 800*480)

Battery level display

Use time display

Solar /car charging power display

AC adapter charging display power

Fan start sign

8/11/2021 15:34 — Time, Date

AC output power

DC output power

100 %
BMS 100 Hour 24 min
000 w AC Output
200 w PV/CAR
360 w AC Input
300 w DC Output

APP Bluetooth
AC Off
DC On
LED

Bluetooth on/off   AC on/off   Main menu   DC on/off   LED on/off

Main menu function introduction

1.Modify system time, date, parameter settings, switch between four languages(Chinese, English, Japanese, Korean), check hardware version information,EX-factory date,Fault information.
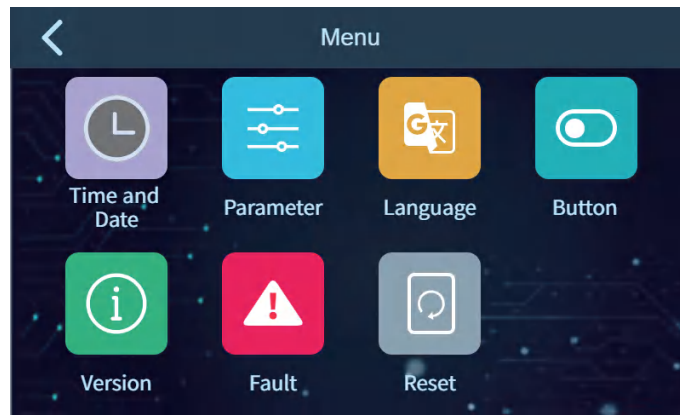
2.Parameter settings

USB/PD auto power off time settings
USB no-load shutdown time

AC auto power off time settings
AC no-load shutdown time

DC auto power off time settings
DC no-load shutdown time

Screen brightness settings
Backlight brightness settings

DC output voltage settings
5V/9V/12V/15V/20V/24V

AC frequency settings
Japanese version can be set to 50/60Hz
Other versions fixed frequency

Screen brightness settings
30S/60S/120S/180S/240S

How to charge the power supply

The product retains about 80% of the power before factory delivery.
You can use it immediately after receiving the product.
We recommend that you use it after it is fully charged.

1. The product supports use while charging, it is recommended to turn off its output for the first charging
2. Use the AC adapter, plug the AC into the mains AC socket, and plug the aviation port into the power AC input port
3. The product supports DC input, the input voltage is 12V-30V (also support solar charger and car charger: car/RV), they use the same DC input port
4. LCD display 100% , the power is full charged

solar charging port
car charging port
(Car/RV)
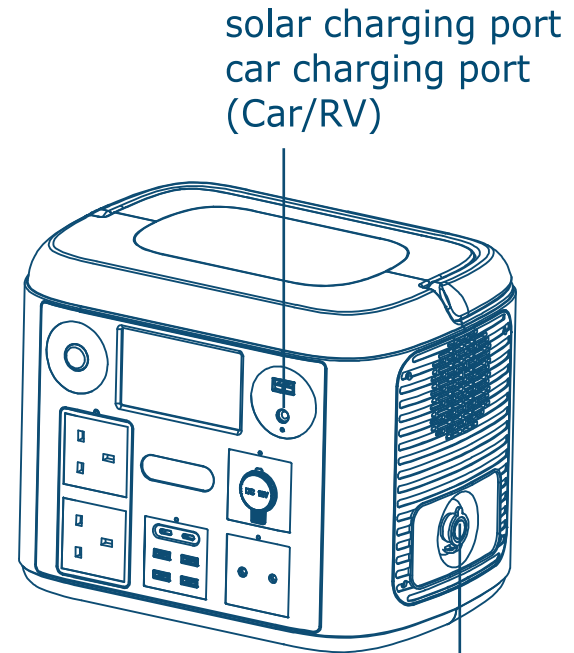
charging time

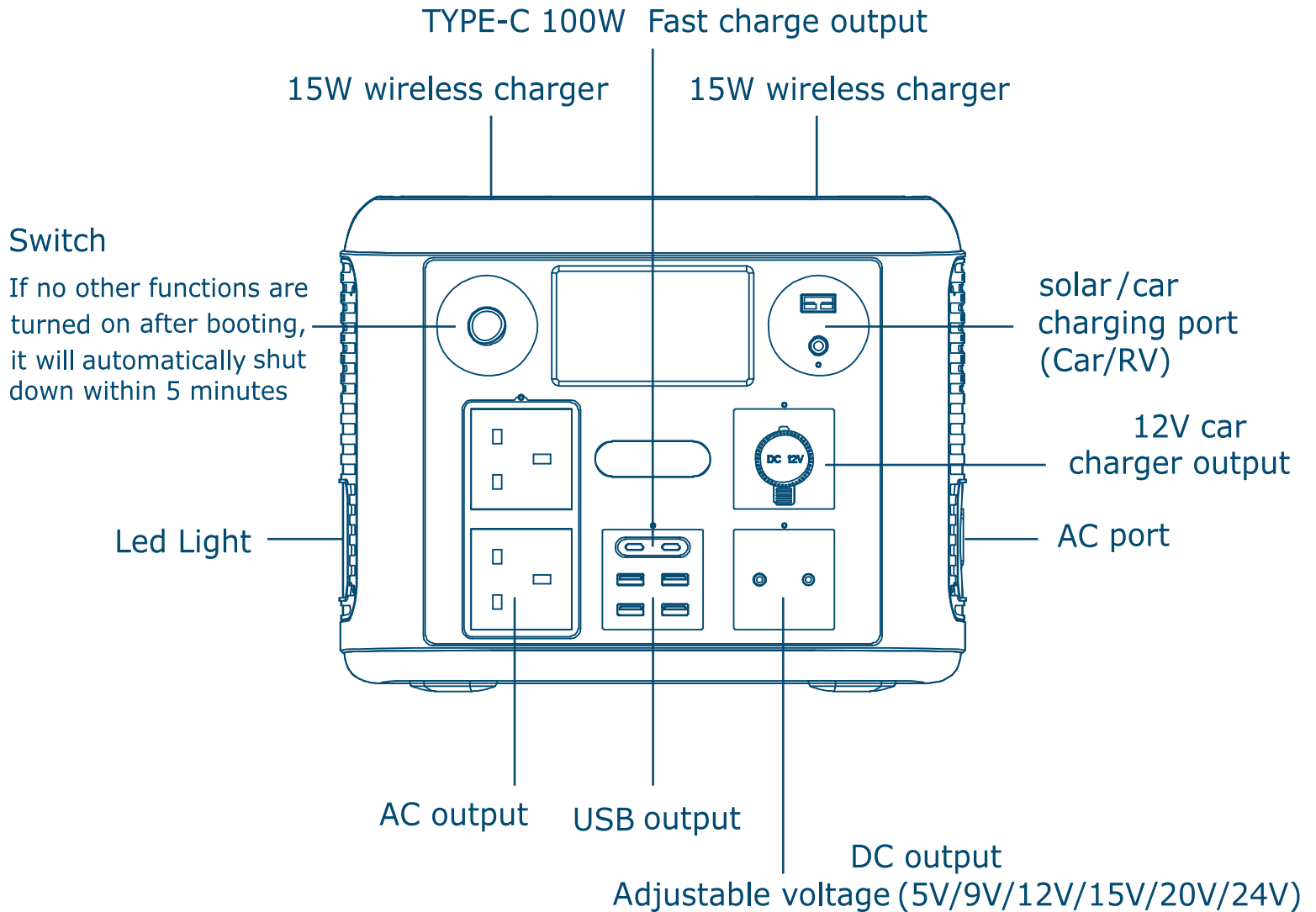AC adapter is fully charged about 4 hours

car charger
12V car is 13 hours full charged
24V RV is 7 hours full charged

120W solar power takes about 15 hours to fully charge
240W solar power takes about 7.5 hours to fully charge
(PS: under constant sunlight)

The AC adapter is fully charged about 4 hours

4

Interface introduction

TYPE-C 100W Fast charge output

15W wireless charger   15W wireless charger

solar/car
charging port
(Car/RV)

Switch

If no other functions are
turned on after booting,
it will automatically shut
down within 5 minutes

12V car
charger output

Led Light

AC port

AC output   USB output

DC output
Adjustable voltage (5V/9V/12V/15V/20V/24V)

DC 12V

How to use the AC output

Suitable for notebooks, TVs, rice cookers, kettles, computers, drones, ventilators, fans etc.

1. Single press the AC switch, the AC output interface will pop up, and press "On" to confirm the AC output. 30 seconds to enter the screen power saving mode, when the AC detects external zero load for 1 hour, it will automatically shut down within the system default time. The system can be adjusted freely.

2. Put the AC plug of the device into the power supply AC outlet . When power supply in the state of AC output, it will heat up, which is a normal circumstances. If the product load is more than 1500W and used for a long time, the product will be overloaded and automatically disconnected.
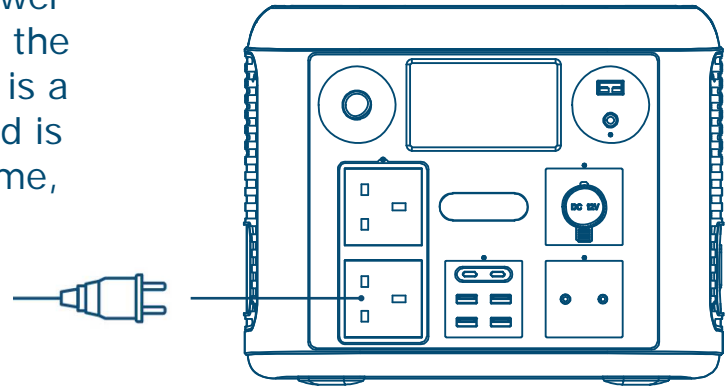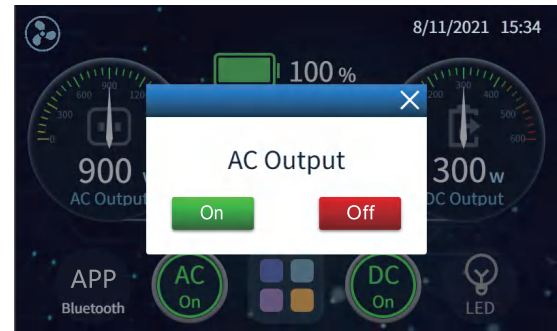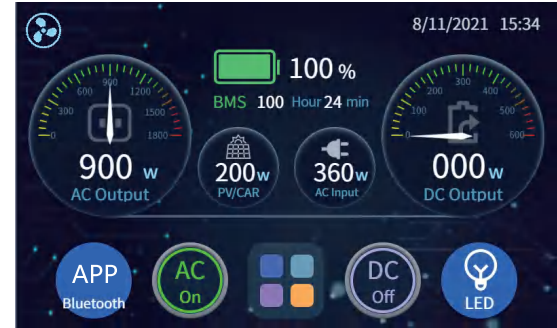
Suitable for devices less than 1500W

How to use the DC output

Suitable for laptops, routers, mobile phones, mice, car appliances, etc.

1. Single press the DC switch to pop up the DC output interface, select the output port freely, press "ON" to confirm, enter the screen power saving mode in 30 seconds, when the DC detects the external zero load for 1 hour, it will automatically shut down (except for wireless charging)within the system default time.The system can be adjusted freely

2. Plug into USB or DC output

3. PD100W is suitable for PD notebooks and mobile phones

4. The cigarette lighter is suitable for car devices and car battery charging

5. USB is suitable for mobile phone charging, supports fast charging mobile phones

6. DC 5521 output is adjustable voltage 5V/9V/12V/15V/20V/24V，Check the voltage of the power supply equipment, and then adjust the corresponding output voltage to supply power to the equipment
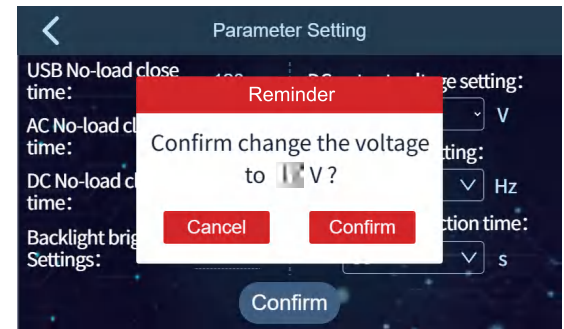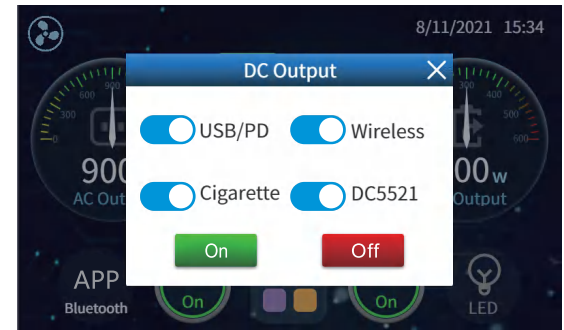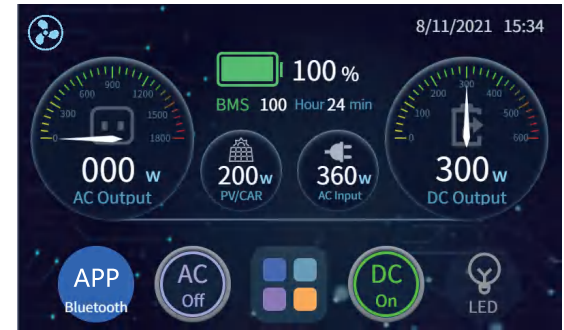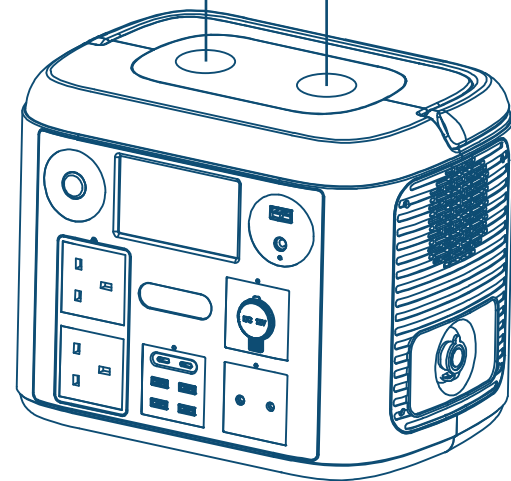
How to use wireless charging output

Single press the switch to pop up the DC output page, select the "Wireless Charge" key, press "On" to confirm, and place the devices at the center position of wireless charger to charge two devices at the same time.
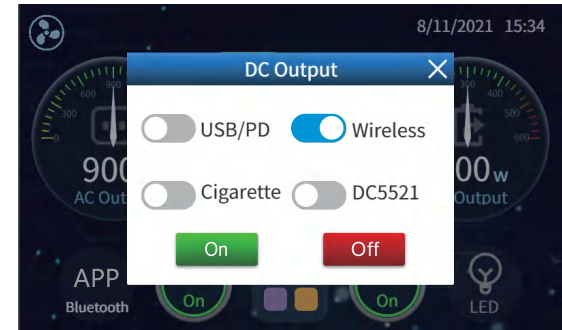
15W wireless charger

15W wireless charger

How to use LED flashlight

1.Single press the LED switch to pop up the LED
   mode interface, select the "solid brightness"
   button, press "On" to confirm, the brightness
   can be adjusted freely from 10% to 100%

2.Single press the LED switch to pop up the LED
   mode interface, select the "SOS", press "On"
   to confirm

3.Single press the LED switch to pop up the LED
   mode interface, select the "Flashing", press
   "On" to confirm
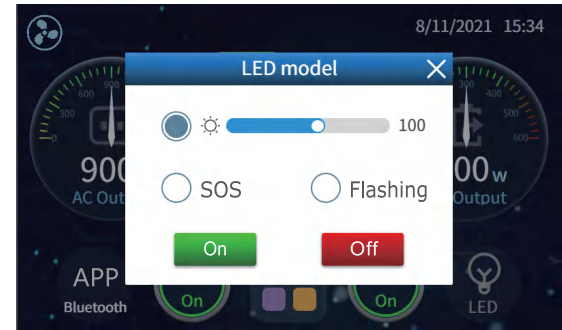
How to recharge the car battery

1. Plug the car battery charging into the cigarette lighter output port
2. Connect the positive and negative poles of the clip, red is positive, black is negative
3. Single press the DC switch to pop up the DC output interface, select the "Cigarette Lighter" button, and press "On" to confirm
4. Check whether the LED light on the supplementary cable is on, if it is light up, it means the connection is normal. Recharge the car battery for 15-30 minutes.
5. Remove the power connection
6. Remove the clip
7. Start the car
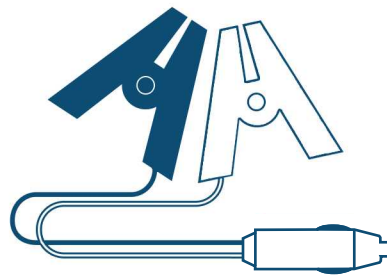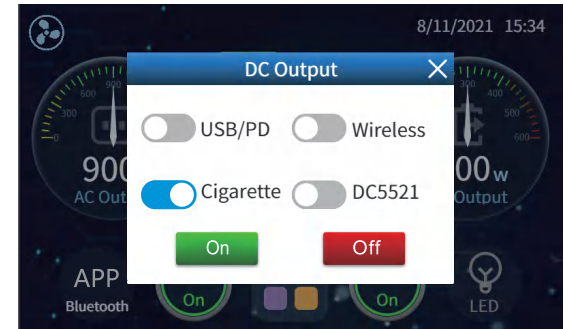
Only suitable for 12V battery car charging
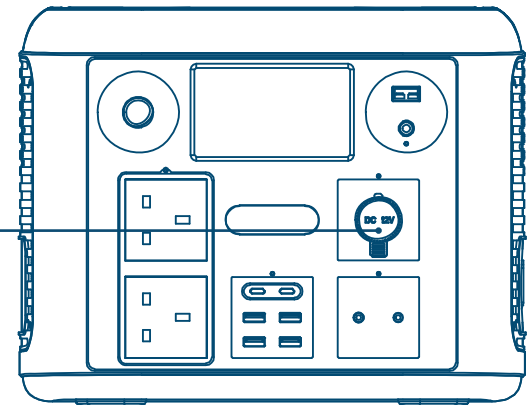
How to download the Bluetooth APP and operate

1.Search "Tuya Smart" in the
  mobile application market,
  download and install

Tuya smart
Offers in-app purchases
Ad detection, Manual recheck
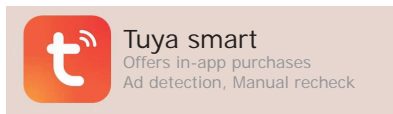
2.Register "Tuya Smart" account

tuya

Log in

Register
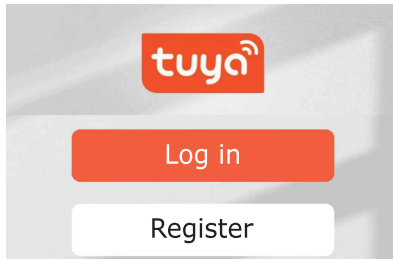
3.The Bluetooth of the mobile
phone is turned on, and the
device is connected.

Device discovery
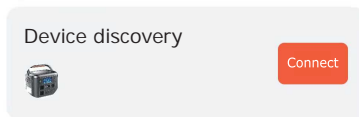
Connect

4.Access to operating
  device

<   S1500W   ✎

Battery volume
100%

BMS   5000.0
h

| AC Output 0W | DC Output 0W |
| PV/Car 0W | AC Input 0W |

⏻

AC

⏻ USB/PD   ⏻ wireless charge   ⏻ Cigarette   ⏻ DC5521

Lights off   Night light   Bright   Highlight   SOS   Flashing
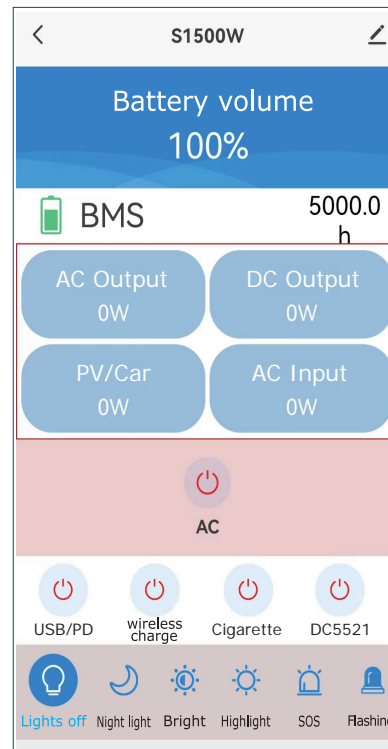
5.Remove device
 （Before connecting a different
phone, you must remove the
last connected device）

1 item selected   Finish

S1500W

🗑
Remove Device
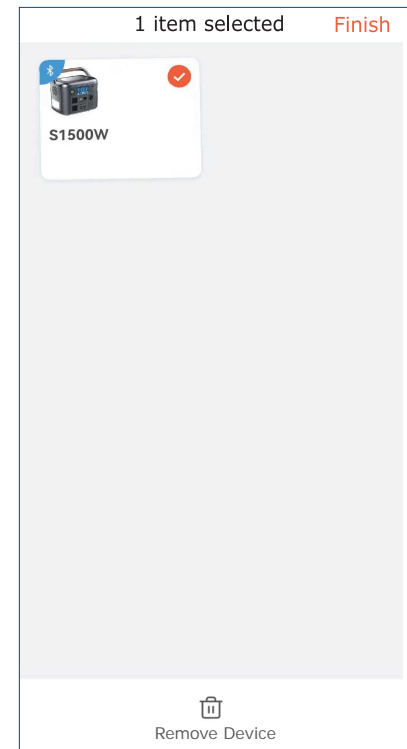
Parameter Details

Item	S1500W
LFP battery pack power	50Ah/25 6V(1280Wh)
AC output	Continuous 1500W Max, Peak 3000W 220V 50Hz
2*TYPE-C output	5V⎓3A,9V⎓3A,12V⎓3A,15V⎓3A,20V⎓5A, 200W Max
4*QC3 0 output	5V⎓3A,9V⎓2.5A,12V⎓2A, 48W Max
2*DC5521 output	5V/9V/12V/15V⎓10A 150W Max, 20V/24V⎓6.5A 156W Max（Adjustable voltage）
2* Wireless charger output	30W Max
Car charger output	13V⎓10A 130W Max
LED lighting	12V 10W Max（Stepless dimming）
AC adapter charging	30V⎓12A 360W Max
car charger	12V⎓7.5A 100W Max, 24V⎓7.5A 180W Max
PV solar charger	12V~30V⎓10.3A 300W Max
Battery cycles	2500次+
Operating temperature	-10~40℃,
Charging temperature	0~40℃
Size	L309mm*W225mm*H241mm
Product N./W.	about 14KG
Shell material	PC+ABS

Precautions

Please read the User's manual carefully before using the product, and operate according to the product manual

It contains electronic components, high voltage, please pay attention to avoid short circuit and accidents when using

This product cannot be taken on the plane

Please use original adapters and accessories for charging and discharging

Do not expose the product to fire, liquids, and flammable materials

Do not expose to the sunshine for a long time

Avoid small hardware, metal, coins, etc. causing the product to short circuit

It `s normal if the product heats up during use.

The product contains lithium ion batteries, please keep it in a 0-45 degree environment

Do not disassemble

If the product is not used for a long time, please turn off all switches and recharge it every 3-5 months.

If product needs to be discarded, follow local legal rules

Product warranty

Proper use can prolong the use time of the product. Please use it strictly in accordance with the instructions in the product manual. This product is only for consumer use. Product warranty is valid for two years.

Warranty card

Purchase date	Purchase date
Username	Username
Contact number	Contact number
Problem Description	

Warranty Details

1. Our company's products, within two years from the date of sale, have quality problems under normal use and will be repaired free of charge.
2. During the warranty period, the following situations are not covered by the warranty, please pay attention:
   * Artificially damage
   * Damage caused by force majeure
   * Malfunction and damage caused by not following the instruction manual
   * Damaged by self-disassembly
3. This product is not waterproof, and the abnormality of the product due to water ingress is not covered by the warranty.
4. One warranty card for each product, please keep it carefully.

FCC STATEMENT :

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.

Warning: Changes or modifications not expressly approved by the party responsible for

compliance could void the user's authority to operate the equipment.

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.

FCC 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 & your body.

Portable Power Supply