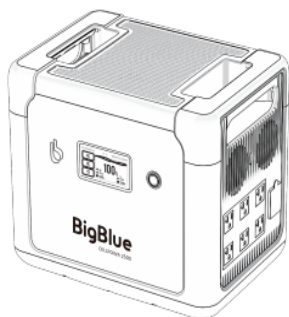




Portable Power Station

User Manual



Model: CP2500

Thank you for purchasing this product. Please read this manual carefully before use. If this product is not handled correctly, you may cause serious injury to yourself or others, or result in product damage and property damage. The company is not responsible for all losses caused by the user's failure to use the product in accordance with this document. The purpose of this manual is to help you use the product correctly, and it does not represent the final description of the software and hardware configuration of this product. For the configuration of the product, please consult the contract (if any) associated with this product, or consult the seller who sold the product to you. The pictures in this manual are for reference only. If there are some pictures that do not match the actual product, please refer to the actual product. In compliance with laws and regulations, the company reserves the right of final interpretation of this document and all related documents of this product, if there is any update, revision or termination without prior notice. For any questions or comments about our products, please contact us at support@ibigblue.com and we will get back to you as soon as possible.

About this product

Thank you for using the portable power station produced by our company. In the event of a power outage, or if you need electricity for a trip, you can use this product to power your electrical or digital products. This power supply supports DC output, USB output, AC output, and can supply power for your mobile phone, tablet computer, laptop, CPAP, lighting and car devices. This product Built-in safer and more reliable LFP battery, please use it with confidence.

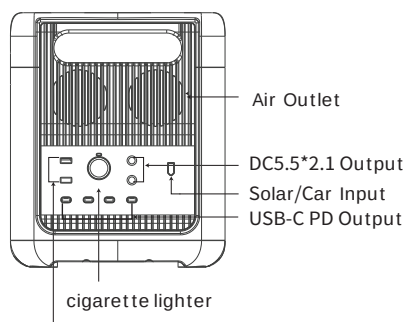
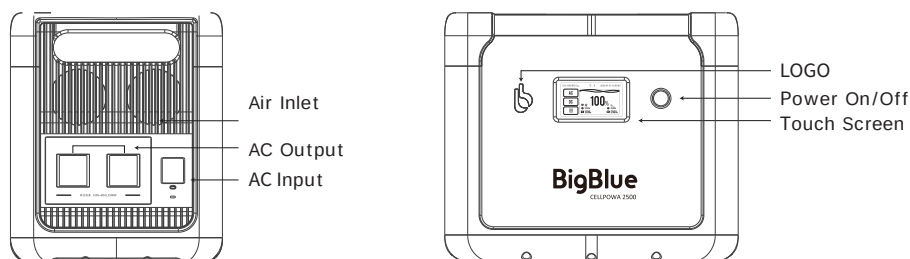
Specifications

BATTERY	
Capacity	1843.2Wh(576000mAh/3.2V)
Battery Type	LiFePO4(EV-grade)
Cycle Life	≥3500times(80%)
INPUT	
AC Input	1200W Max
Car Charger	12-24V=10A(240WMax)
Solar Input	12V-65V=22.5A(25A Max), 1200WMax
RECHARGING TIME	
AC	1.5 Hours(to 80%)
Car Charger	12-14 Hours(12V),6-7 Hours(24V)(to 80%)
Solar	1.5Hours(6*BigBlue SP200/3*BigBlue SP400 to 80%) 1000W/m ² Lighting standard
OUTPUT	
6xAC	120V~20.83A,Rated 2500W(5000W Surge), Frequency 60Hz
2xUSB-A	5V=3A, 9V=2A, 12V=1.5A 18W(Max), (2xUSB-A:36W Max)
2xUSB-C(PD)	5V,9V,12V,15V=3A,20V=2.25A 45W(Max), (2xUSB-C:90W Max)
2xUSB-C(PD)	5V,9V,12V,15V=3A,20V=5A 100W(Max), (2xUSB-C:200W Max)
2xDC 5.5mm	12V=5A 60W(Max)
1xcigarette lighter	12V=10A 120W(2xDC+1xCigarette Lighter: 120W Max)

	OTHERS
Net Weight	25.3KG
Size	384*274*325mm
Discharge Temperature	-20°C~45°C
Recharge Temperature	0°C~45°C
Storage Temperature	-20°C~45°C
Packing Details	1*Cellpowa 2500, 1*AC Cable, 1*MC4-XT60 Cable, 1*-Cigarette Lighter-XT60 Cable, 1*User Manual, 1*Accessory Bag

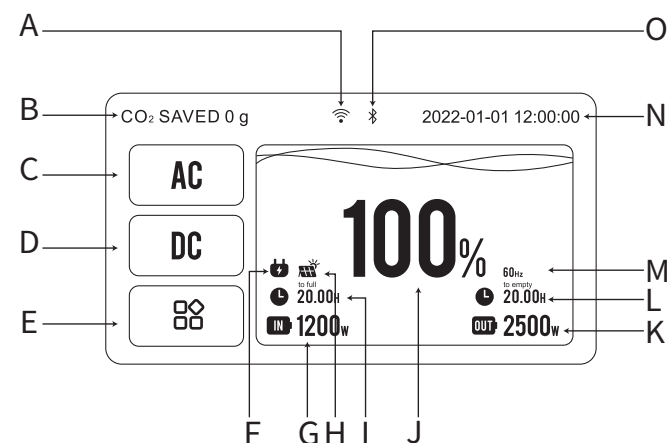
The above data comes from the BigBlue laboratory. The test data may vary depending on factors such as the use environment and usage method, and the charging time will be different. This data is for reference only.

Product Details



Touch Screen Details

Front Page



A. WIFI: After connecting to the WIFI successfully, the WIFI icon will be displayed on the main interface of the display screen. You need to enter the account and password the first time.

B. Carbon emission reduction tips: Indicates that the machine reduces carbon dioxide emissions through solar charging.

C.AC: Click the AC button to enable AC output.

D.DC: Click the DC button to enable DC, USB-A and USB-C output.

E. Menu: Click the menu icon to view/change the detailed information of the machine: current output/input parameters, battery information, time and networking settings, etc.

F: AC input icon.

G. Charging power: display the current input power.

H: Solar input MPPT icon

I: Remaining charging time: Determine the remaining charging time according to the current discharge power.

J: Battery percentage: Displays the current remaining battery percentage. When the remaining power is less than 10%, it is recommended to charge the product.

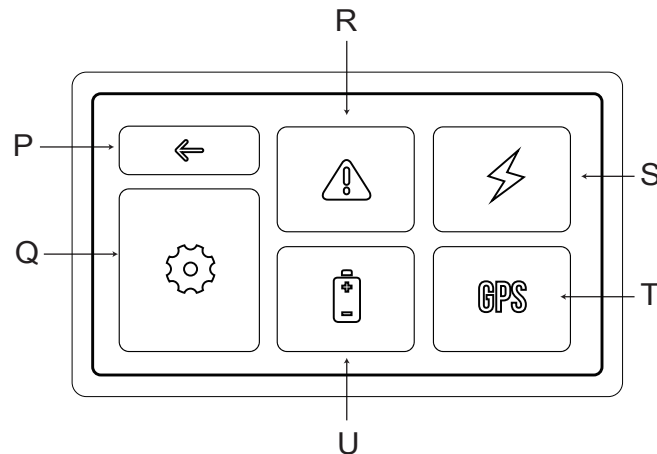
K: Output power: display the current output power.

M: AC frequency: Displays the current working frequency of the AC grid.

N. Date and time: Display the current date and time, which can be reset.

O. Bluetooth: Bluetooth is turned on.

secondary Screen



P. Back button: Click to return to the previous menu.

Q. Settings: Click the settings icon to enter the system settings: network settings, time settings, general electrical settings, language settings, touch correction, and viewing product information.

R. Warning notice.

S. Charge and discharge information: It can display the charging power, charging voltage, charging current, charging temperature of AC charging or DC charging, as well as the discharging power, discharging voltage, discharging current and discharging temperature of AC discharging and DC discharging.

T. GPS: Click GPS to enter the latitude and longitude positioning, and display the latitude and longitude coordinates after positioning.

U. Battery information: You can view the power, battery health information, remaining power.

APP registration and use

The first screenshot shows the registration screen with fields for 'email/username' and 'password', a '注册' (Register) button, and a '忘记密码?' (Forgot password?) link.
 The second screenshot shows the login screen with fields for 'email/username' and 'password', a '登录' (Login) button, a '验证码' (Verification code) field with a 'send code' button, and a '注册' (Register) button at the bottom.
 The third screenshot shows the login screen with fields for 'email/username' and 'password', a '登录' (Login) button, and a '验证码' (Verification code) field with a 'send code' button.
 All three screens have the BigBlue logo at the top and social media icons at the bottom.

Register and Login

- This product can be controlled through APP, you can download BigBlue Energy APP in the Android or Apple application store and BigBlue official website <https://bigblue-tech.com>.
- For the first login, you need to register a personal APP account, (click to register) fill in the user registration information, enter a valid email account, and set a login password.
- Click to send the verification code, the verification code will be sent to the registered email account, enter the received verification code and click to register.

APP Instructions

When using the app for the first time, add a device first.

- Go to Product Menu → Product Settings → Product Information to check the product Bluetooth Mac address (each/machine is assigned a unique Mac address code).
- Turn on the phone's Bluetooth, and then open the BigBlue Energy APP. Click " " in the upper right corner of the APP and select Add Device. Find the corresponding Bluetooth Mac address code in the setting device list, click "OK"

1. Bluetooth connection

- Open the menu on the machine's touch screen → System Settings → Product Information, View Bluetooth mac(each machine is assigned a unique mac address code).

The screenshot shows the 'Product information' screen with a blue header bar containing a back arrow and the title 'Product information'. The main content area is dark blue and displays the following information:

name : Cellpowa 2500

Wi-Fi MAC: 58bf25d3fa36

Bluetooth MAC: 20:22:06:07:03:d6

software : V1.31

At the bottom, there is a blue 'Update' button.