

## P3208

# Smart Power Supply User Manual



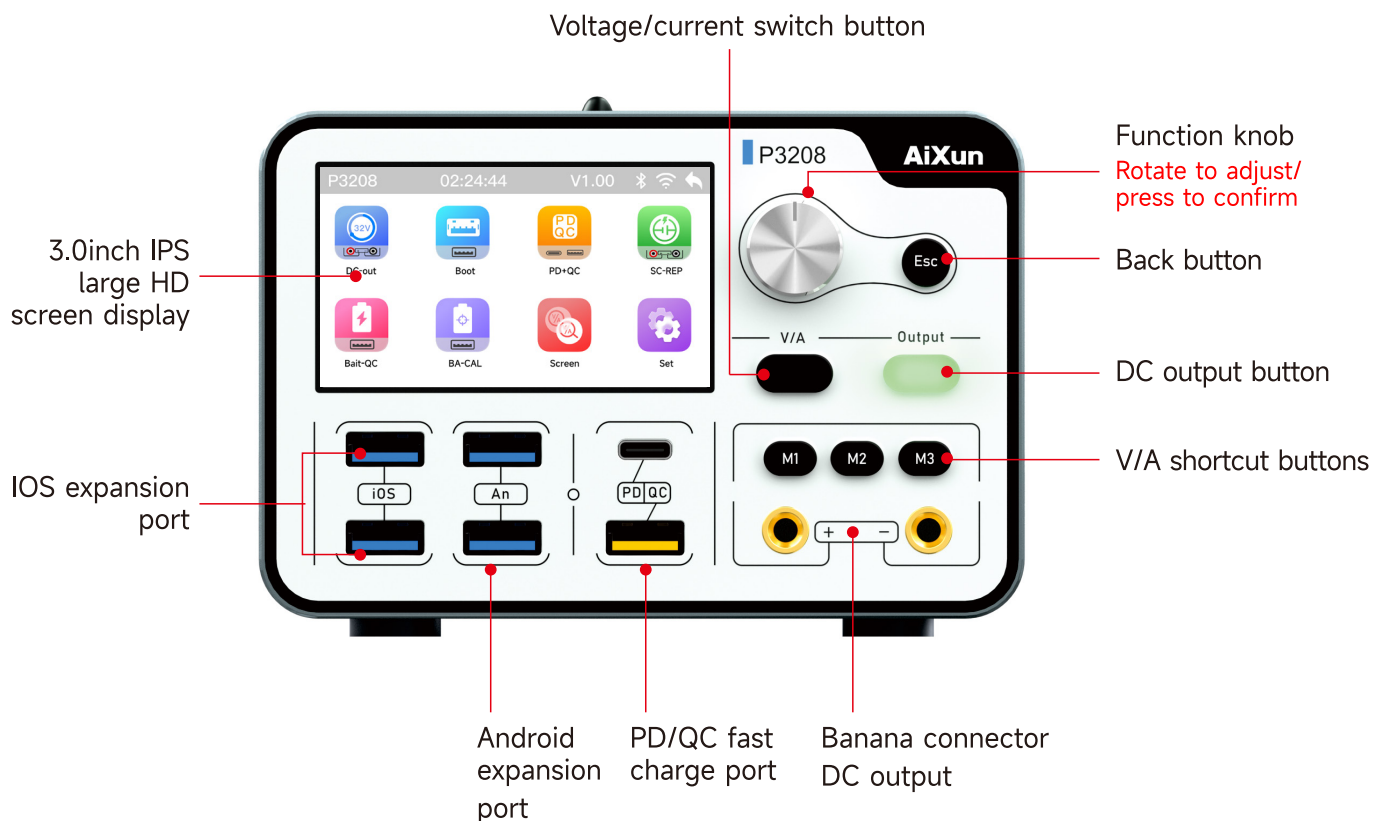
Please read this manual carefully before use

# 1 Product Features

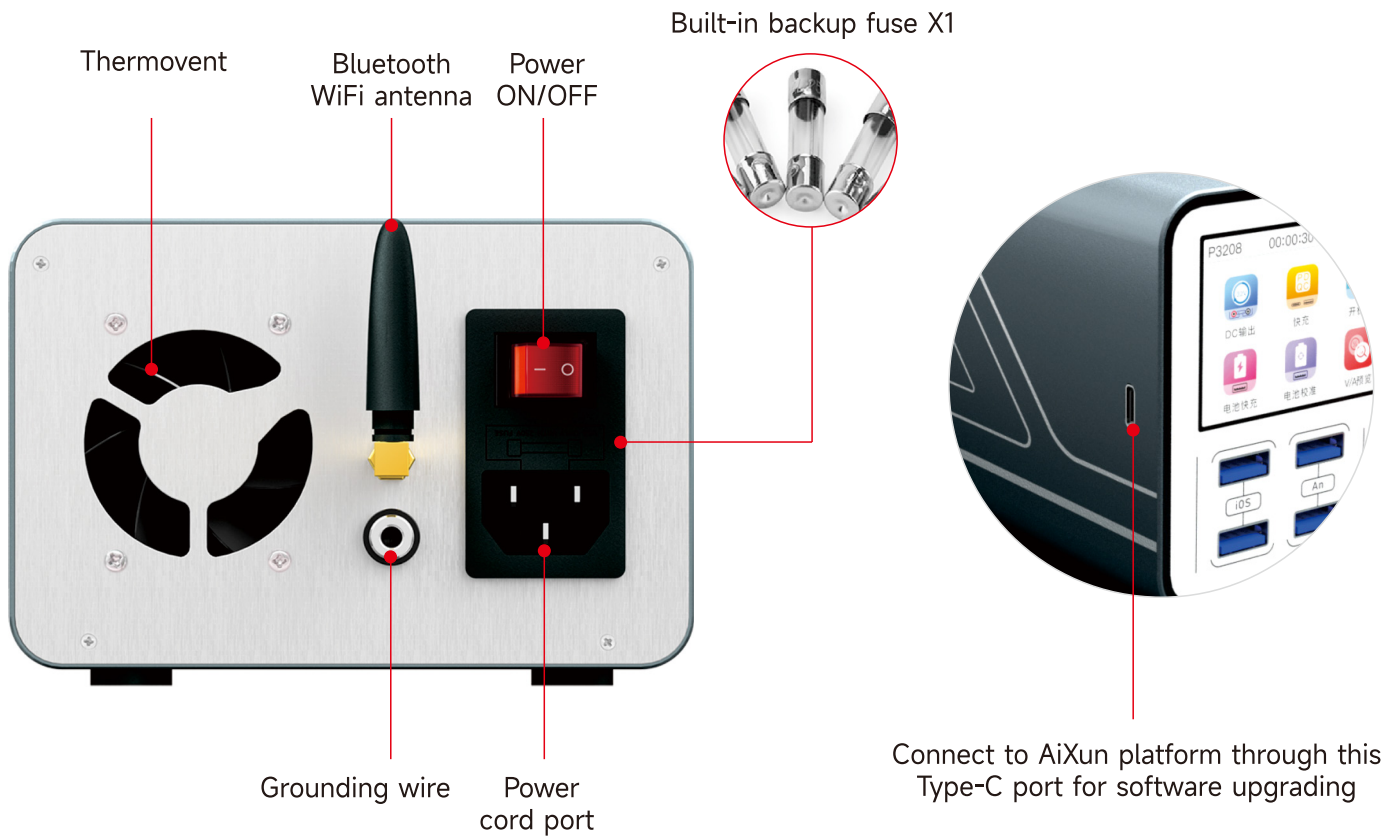
- Built-in bluetooth WIFI chip, global online upgrade, never out of date!
  - Connect to AiXun platform through WiFi, status, curve current detection and data analysis are clear at a glance!
- Support online or network iCloud upgrade, continuous innovation on software functions
  - Type-A/Type-C fast charge output, support PD/QC fast charge protocols
  - 60W max charging power of single channel, 30W that of dual channel
  - Current collection is precise to 0.1mA, switch curve (self-adaptive to current and voltage) or pointer display at will
  - 3.0inch IPS full view HD display screen, self designed 32V/8A high power supply
  - Built-in iP6-14 battery protocols, one key boot up mainboard, repair conveniently
  - Customized three-channel shortcut settings of voltage and current, one key switch and adjust voltage and current
  - Expansion interface | Fast charge adaptor | Pointer ammeter | One key boot up docking station

# 2 Structures Instruction

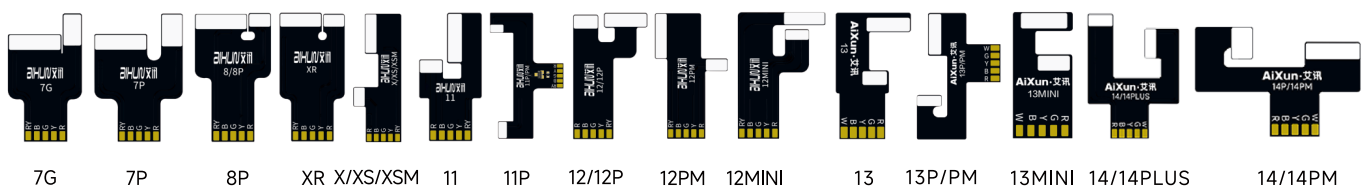
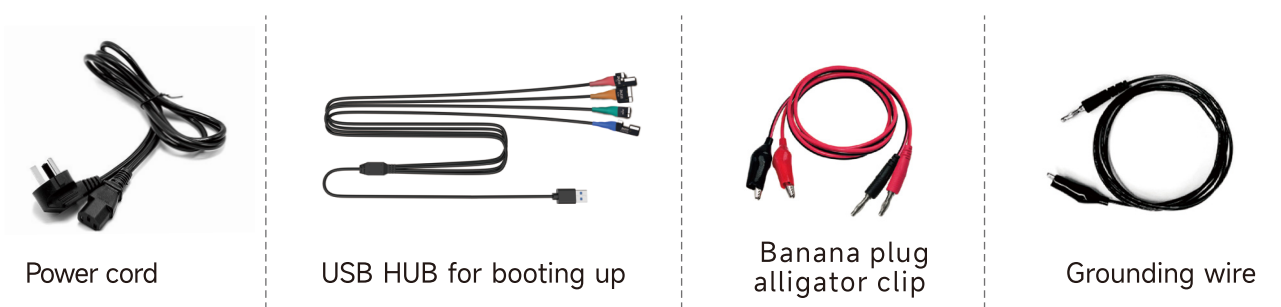
## Front side



## Back side



## Accessories



7-14 iPhone battery boot up FPC

## 3 Product Parameters

### Host

Model: P3208	Communication: Type-C/WIFI/Bluetooth	Host dimension:3.0 inch IPS(640×360px)
Input voltage: 220V/110V 50Hz	Output voltage: 0.2-32V	Output current: 0-8A
Collecting precision: 0.1mA	Fast charge protocols: PD, QC fast charge	Fast charge power: 60W (USB-A+Type-C)
Max power : 320W	Host dimension: 129×198.5×85mm	Host weight: 1.23kg

### PD/QC fast charge

Type-C fast charge output protocols	Type-A fast charge output protocols
Qualcomm QC4+, QC4, QC3.0, QC2.0	Qualcomm QC3.0 and QC2.0
Fast charge protocol PPS	Huawei fast charge protocols FCP and SCP
PD3.0, PD2.0	Samsung fast charge protocol AFC
Huawei fast charge protocols FCP and SCP	MTK PE+2.0 and PE+1.1
Samsung fast charge protocol AFC	Spreadtrum fast charge protocol SFCP
MTK PE+2.0 and PE+1.1	Fast charge protocols VOOC
Spreadtrum fast charge protocol SFCP	

### Boot up cable

Output voltage: 4.2-4.5V	Protocol: battery protocol	5V mainboard booting signal
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### DC output

	Voltage range	Current range
Minimum value	0.2V	300mA
Maximum value	32V	8A

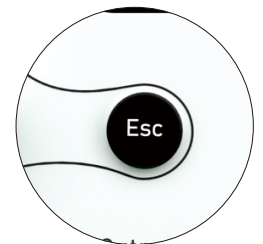
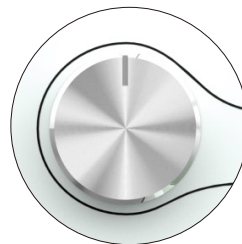
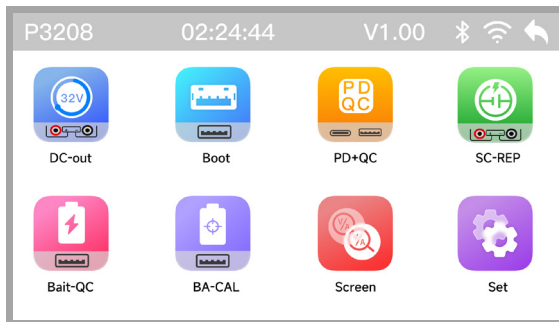
# 4 Product Operation

## Host operation

➤ APP icon display of every function

➤ Rotate the "function knob" to switch APP  
Press the "function knob" to enter the corresponding interface

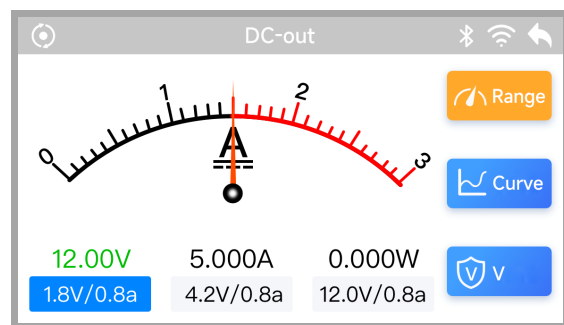
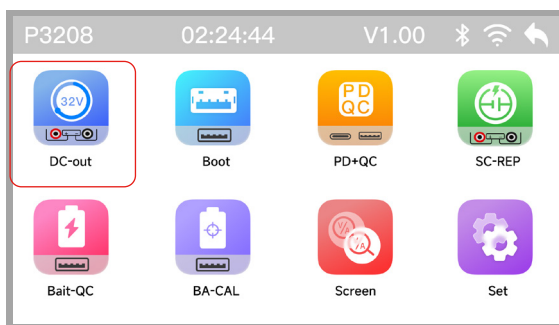
➤ Press "Esc" to exit



## DC output - operation

➤ Rotate "function knob" to select the "DC output" icon, press the "function knob" to enter the corresponding interface

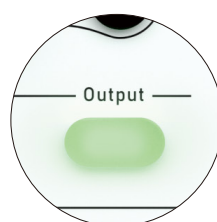
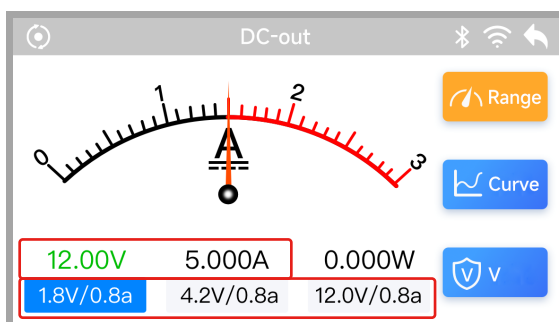
➤ Rotate "function knob" to switch "range, curve, voltage" at will  
Press "function knob" to enter the corresponding interface and set parameters



- Press "V/A" button to switch voltage and current settings, rotate "function knob" to adjust current and voltage
- Press "M1, MA, M3" to switch current and voltage channels quickly
- Long press "M1, M2, M3" to save the current value as parameters of shortcut buttons

➤ During DC outputting, be sure to press "Output" to start DC outputting

### Corresponding buttons on the device



DC output button



V/A switch button



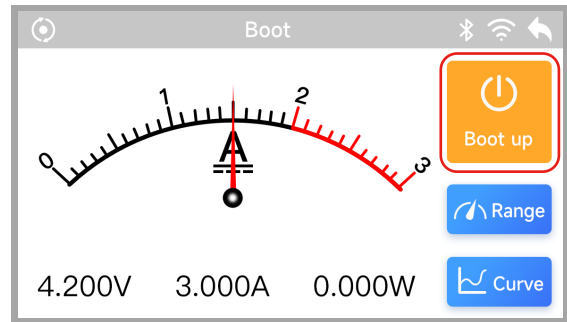
V/A shortcut buttons

## || Boot up cable (one key boot up) - operation

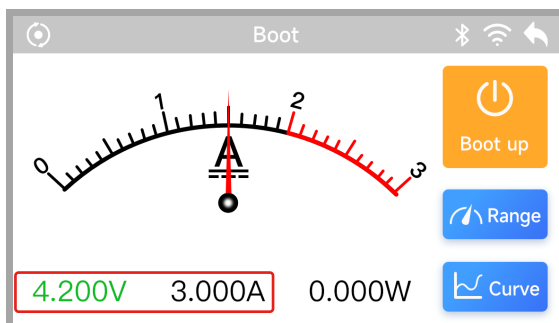
➤ Rotate "function knob" to select the "Boot" icon, press the "function knob" to enter the corresponding interface



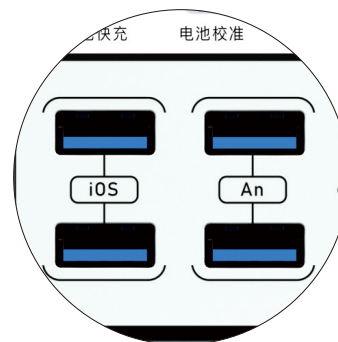
➤ Rotate "function knob" to select "Boot up", insert the USB HUB port into "IOS expansion port or Android expansion port", buckle the boot up FPC on the mainboard, press "function knob" to achieve one key booting up



➤ Press "V/A" button to switch voltage and current settings with one key, rotate "function knob" to adjust current and voltage



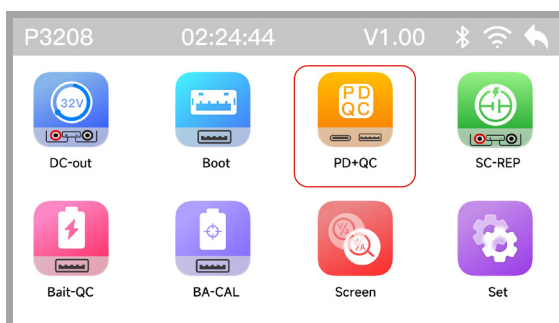
### Corresponding ports on the device



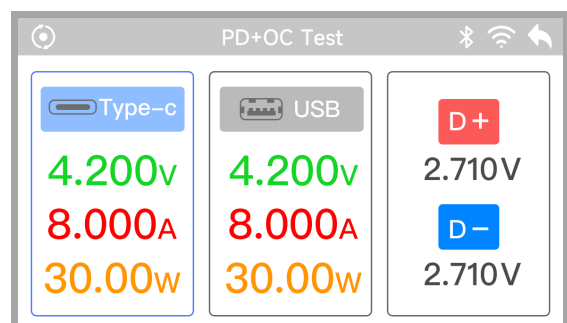
IOS expansion port  
Android expansion port

## || PD/QC fast charge - operation

➤ Rotate "function knob" to select the "PD+QC" icon, press "function knob" to enter the corresponding interface



➤ Connect mobile phone (or the device that needs supplying power) to P3208 with a fast charge USB cable, then you can observe the values of fast charge voltage, current and power in real time. Press "Esc" to exit the current interface



Dual channel PD/QC support fast charging simultaneously  
 Dual channel power 30W ,  
 single channel power 60W

Corresponding ports on the device

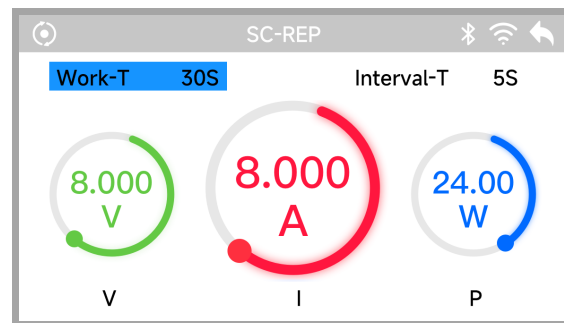
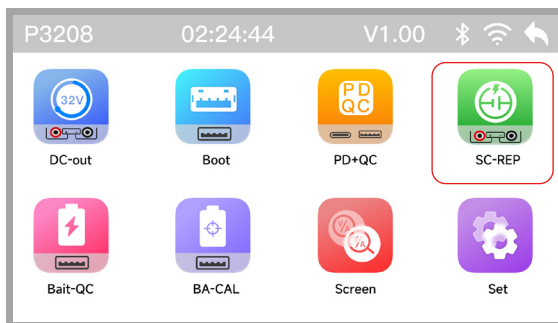
PD/QC fast charge ports



## Short circuit repair - operation

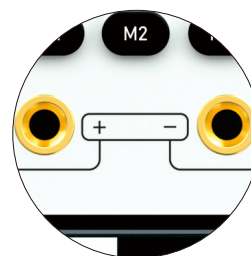
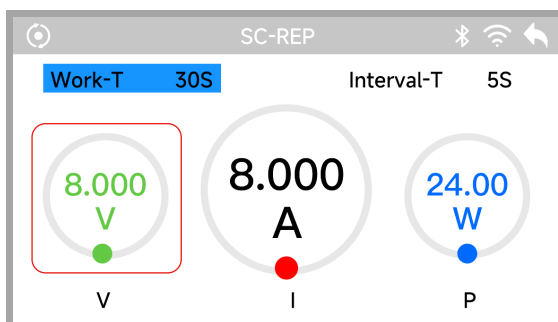
➤ Rotate "function knob" to select "SC repair" icon, press "function knob" to enter the corresponding interface

➤ Insert the banana connector in the port of "DC output", connect other ends to mobile phone (or the device that needs short circuit repair), press "Output" to output, then you can observe the values of voltage, current and power in real time. Press "Esc" to exit the current interface.

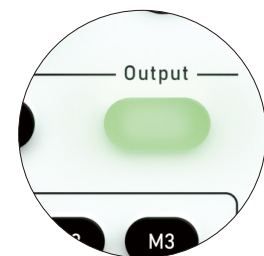


➤ Press "V/A" button to switch voltage and current, rotate "function knob" to set voltage and current values. The voltage or current will be shown in green when it is selected

Corresponding ports on the device



Banana plug  
DC output

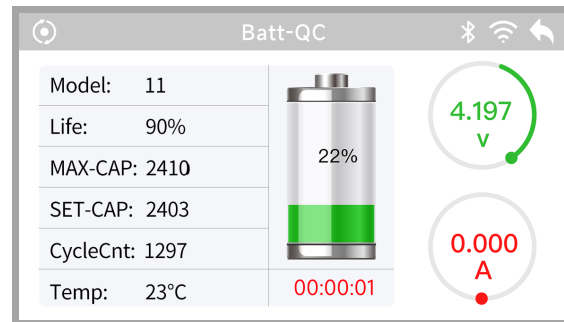
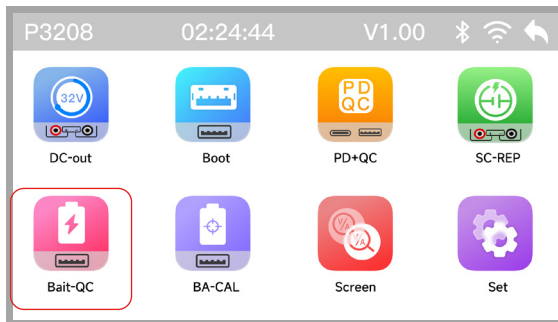


"Output" DC  
output button

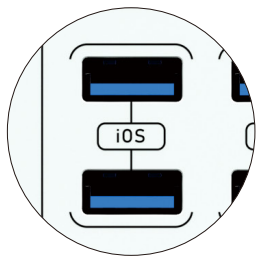
## Battery fast charge - operation

➤ Rotate “function knob” to select the “Bait - QC” icon, press the “function knob” to enter the corresponding interface

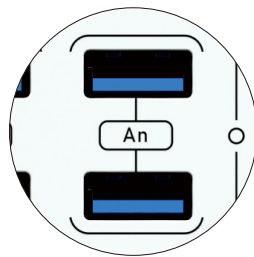
➤ Connect “fast charge adaptor” to P3208 with a fast charge cable, insert the USB port of fast charge cable in the “IOS or android expansion port” of P3208, buckle on the battery, then you can observe the values of current and voltage in real time. Press “Esc” to exit.



### Corresponding ports on the device



IOS expansion port

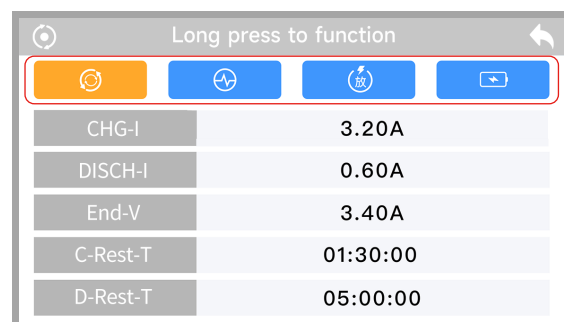
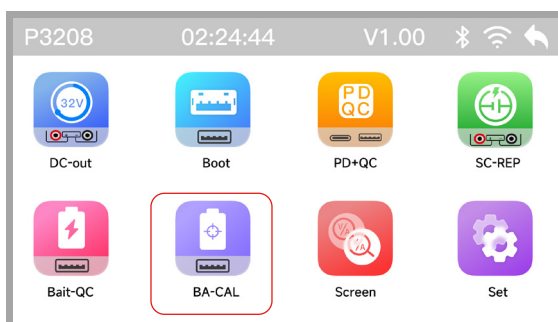


Android expansion port

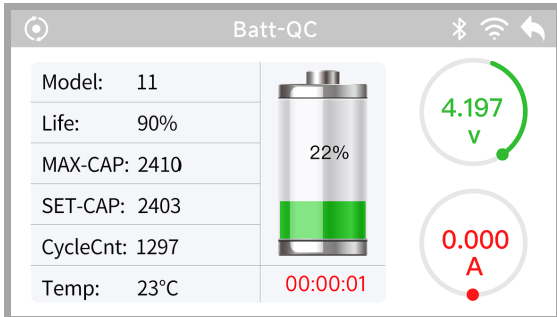
## Battery calibration - operation

➤ Rotate “function knob” to select “Battery calibration” icon, press “function knob” to enter the corresponding interface

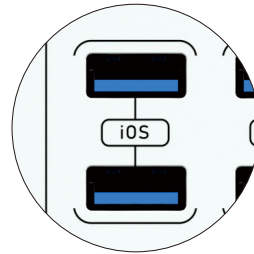
➤ Rotate “function knob” to switch “auto cycle, performance test, discharging test and charging test” Long press “function knob” to enter the corresponding interface



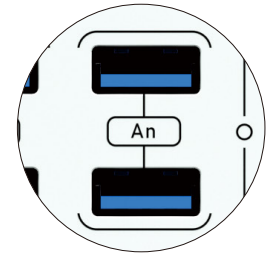
- Connect “battery calibration adaptor” to P3208 with a fast charge cable, insert the USB port of fast charge cable in the “IOS or android expansion port” of P3208, buckle on the battery, then you can observe the values of charging/ discharging current and voltage in real time. Press “Esc” to exit.



### Corresponding ports on the device



IOS expansion port

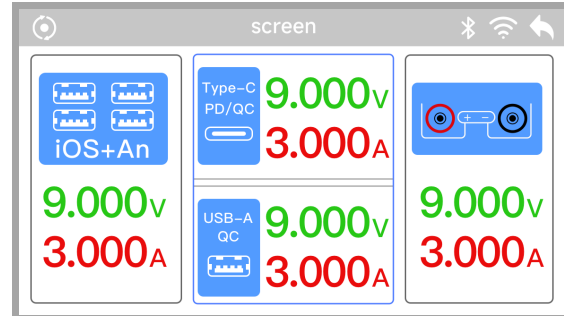
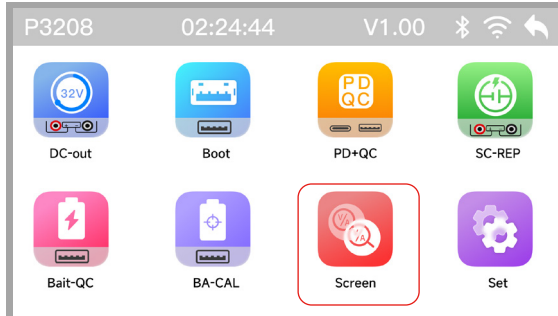


Android expansion port

## Preview interface - operation

- Rotate “function knob” to select “Screen” icon, press “function knob” to enter the corresponding interface

- Users can preview the current and voltage values of “IOS/ Android expansion port”, “PD/QC fast charge” and “DC output” Press “Esc” to exit



- Rotate “function knob” to switch “IOS/android expansion port”, “PD/QC fast charge” and “DC output”, press “function knob” to enter the corresponding interface

## Software upgrade - operation

- Upgrade software by connecting to AiXun platform through Type-C or WiFi



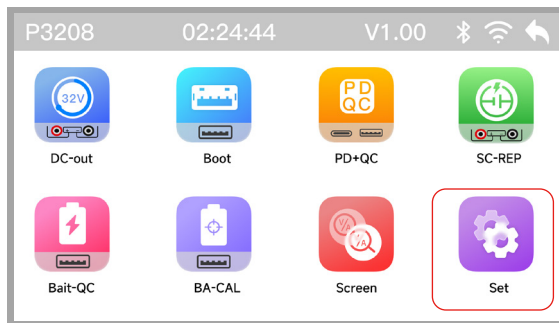
Type-C interface



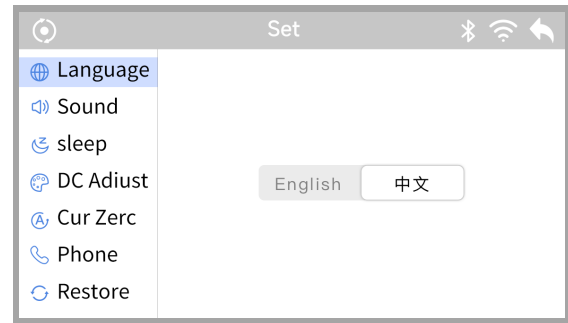
Bluetooth WiFi Antenna

## Host settings - operation

➤ Rotate "function knob" to select "Setting" icon, press "function knob" to enter the corresponding interface



➤ Users can set parameters of "language, sound, standby, voltage adjustment, current reset, customer service and restore"



## 5 Precautions

- To avoid power supply damage and keep safe working environment, the following items should be observed:
  - The product uses a three wire grounding plug, which must be inserted in a three hole grounding socket. Do not change the plug or use an ungrounded three plug adaptor to avoid poor grounding. To lengthen the wire, please use a grounded three wire power cord.
  - Built-in precision electronics, non-professionals please do not disassemble without authorization.
  - Please adjust strictly according to the official parameters. Do not exceed the value range to prevent product damage and malfunction.
  - Banana plug DC output regulated power supply, please connect strictly according to the (+) (-) marked on the device. Do not reverse the connection, otherwise it will cause a short circuit.
  - Please do not mix metal flakes and wire debris into this product, otherwise it may cause electric shock, fire, or failure.
  - Replace fittings with original accessories.
  - If it is in idle for a long time, please place it in a dry environment.

- Do not wet the power supply, and do not use it nor pull the power cord with wet hands.
- 

- Please strictly follow this manual when using.
- 



This product has anti-static measures, please be sure to use grounding.

## **6** After Sale Service

### ● Warranty regulations:

- The product is guaranteed for one year from the date of purchase (subject to the purchase certificate).
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- The warranty service is only valid under normal use. All man-made damage, such as improper use of accessories, failure to use according to instructions, damage not caused by our company's repair, wrong use or negligence, the warranty service will immediately be invalid.
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- The company has the final right to interpret the above regulations for users who do not comply with the above regulations.
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# AiXun

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