XYS3606 manual

APP download address:

Apple IOS: search in the Apple store: Xinyilian or sinilink

Android: https://m.pp.cn/detail.html?ch_src=pp_dev&appid=7921907&ch=default or download from the official website: http://www.sinilink.com/release.apk

Or download the APP on your mobile phone: PP Assistant, search for 'Xinyilian' to download in PP Assistant or scan the code to download the APP

(Note: Android major mainstream markets have been put on the Xiaomi market, and the Huawei market has recently been put on the shelves)

For foreign customers, please download from Google Market, search for 'sinilink' to download

Computer client software download address:

http://www.sinilink.com/download/tools/Sinilink-Setup.exe

Numerical Control DC Buck-Boost Power Supply-XYS3606

Numerical Control DC Buck-Boost Power Supply

Complete functions and powerful

XYS3606 power supply integrates analog adjustment and digital control. It can view the preset voltage/current, input voltage/output voltage/current/power/capacity/energy/running time and other data in real time. When the input voltage is lower than/equal to/above When outputting voltage, the output voltage can be stable and unchanging! Small size, minimal operation, high precision, stable performance, and wide range of use!

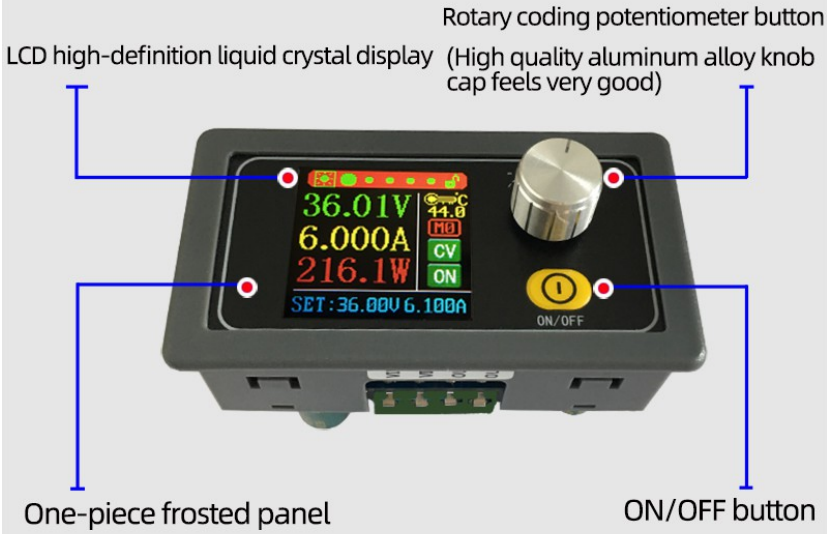
6.0~30V	0.0~36V	6A	216W	10组
Input voltage	Output voltage	Output current	Output Power	Storage

HD display is clearer and more intuitive

Adopting 1.44-inch LCD high-definition liquid crystal display, one screen displays voltage/current/power and other data, 160° wide viewing angle, high brightness, long working life, so that you can enjoy vivid, delicate and natural display from any angle Picture!

Custom shell Easy to modify

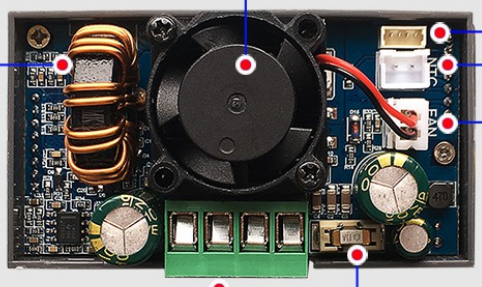
Product structure: exquisite workmanship / exquisite products / industrial quality / minimalist operation



Intelligent silent temperature control fan, automatic start and stop

Intelligent silent temperature-controlled fan, the fan will automatically start when the temperature is greater than 50 degrees or the current is greater than 2A

20A two-wire parallel wound iron silicon aluminum magnetic ring inductor



WIFI communication module interface

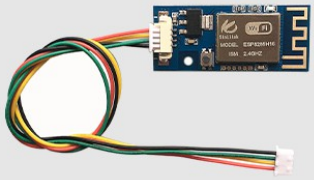
External temperature sensor interface

Fan interface

Pluggable terminal block

15A removable fuse

Replacement model: 1808-125V/15A force very fast-acting fuse



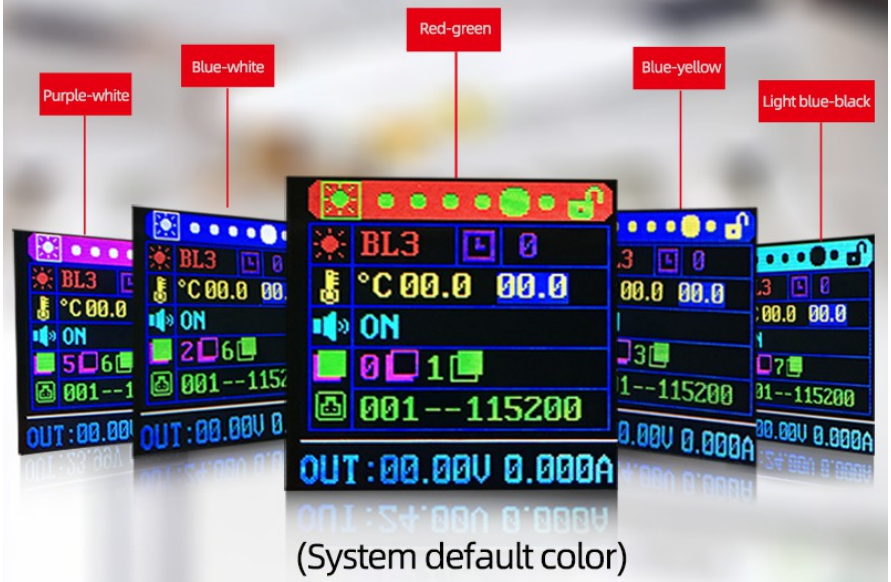
WIFI communication module

NTC/10K temperature sensor cable length 1 meter

Note: The temperature sensor/fan and other interfaces on the motherboard are not allowed to connect to non-original accessories to prevent burning the host!

Change the theme color freely

The foreground and background colors can be switched at will,
64 colors are at your disposal, matching your exclusive colors!



(System default color)

Short press the rotary encoder button, select the corresponding position, the corresponding number will be reversed, use the rotary encoder to switch the theme background color and foreground color

The screen supports four-way rotation

To meet the slotting installation in different directions, all can obtain the ideal viewing angle.

Long press the ON/OFF button for 2 seconds to rotate the screen in four directions

Classic design and practical function

Data storage function is convenient and fast

A total of 10 groups of data can be stored for M0-M9, which are saved to data group M0 by default, and M1/M2 data groups can be quickly recalled.

Key lock function to prevent misoperation

Double-click the encoder button on any interface to lock and unlock the buttons to prevent misoperation of the device.

Key lock

Key unlock

Featured function: with night screen mode, enjoy quality life

When it is 0, it is normal mode, the interface index shows the sun

It is night mode when it is not 0, the interface index shows the moon

Can be set to turn off the screen after 1~10 minutes, and wake up by any key

Can measure internal temperature (power supply's own temperature) and external temperature

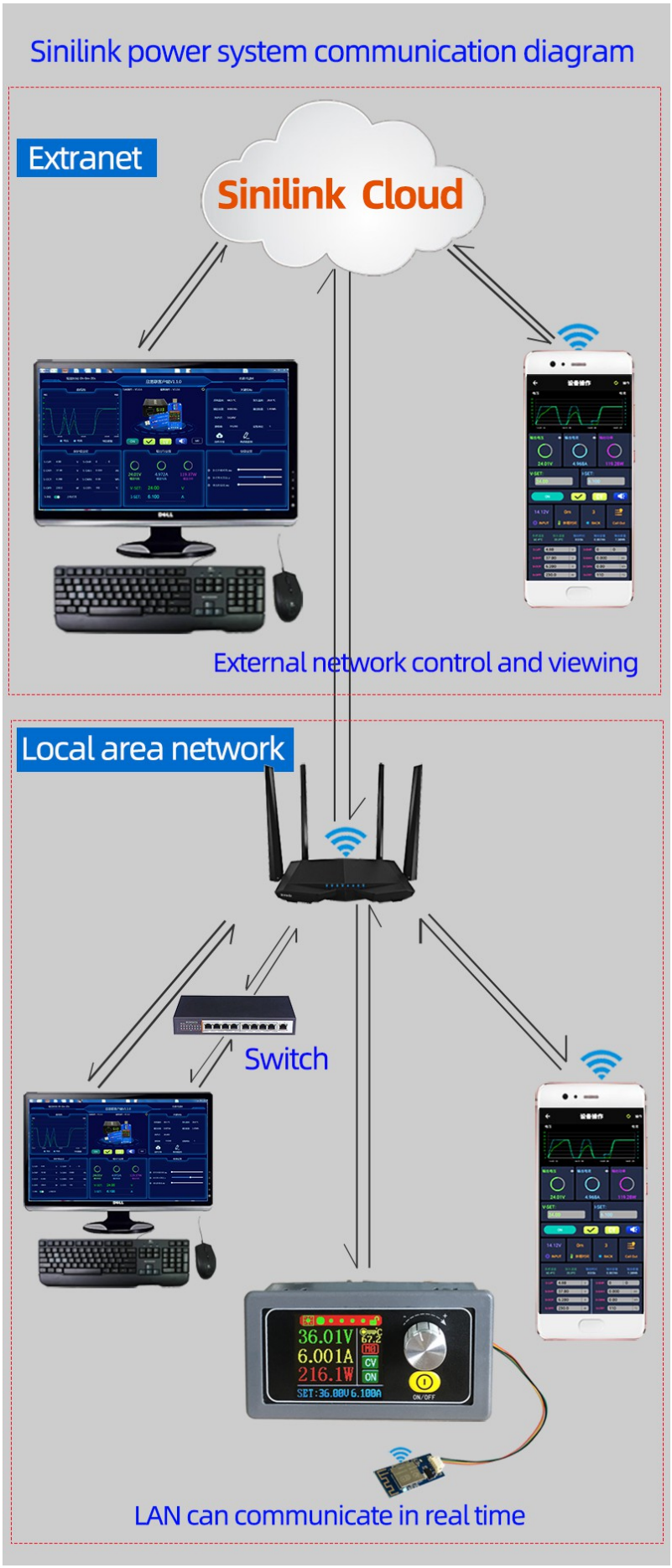
Internal temperature (temperature of the power supply itself)

Outside temperature

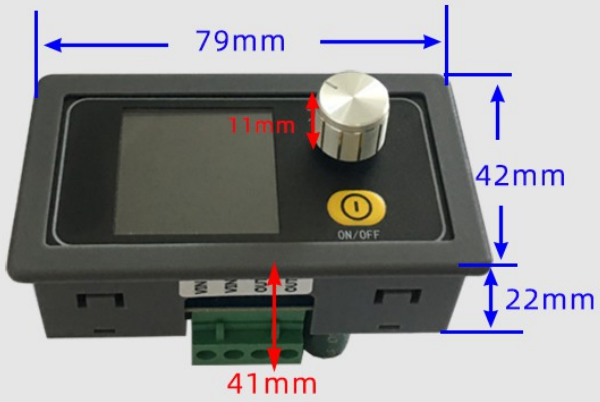
When the external temperature probe is inserted, the temperature will be displayed in reverse blue, and the internal temperature and external temperature will be displayed alternately

Mobile APP interface

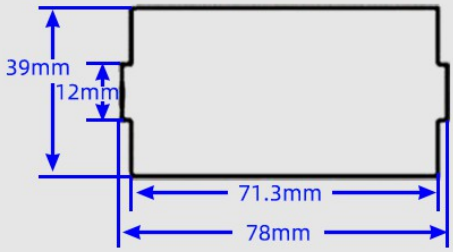
Computer client interface


Sinilink power system communication diagram
Extranet
Sinilink Cloud
External network control and viewing
Local area network
Switch
36.01V
6.001A
216.1W
SET:36.00V 6.100A
ON/OFF
LAN can communicate in real time

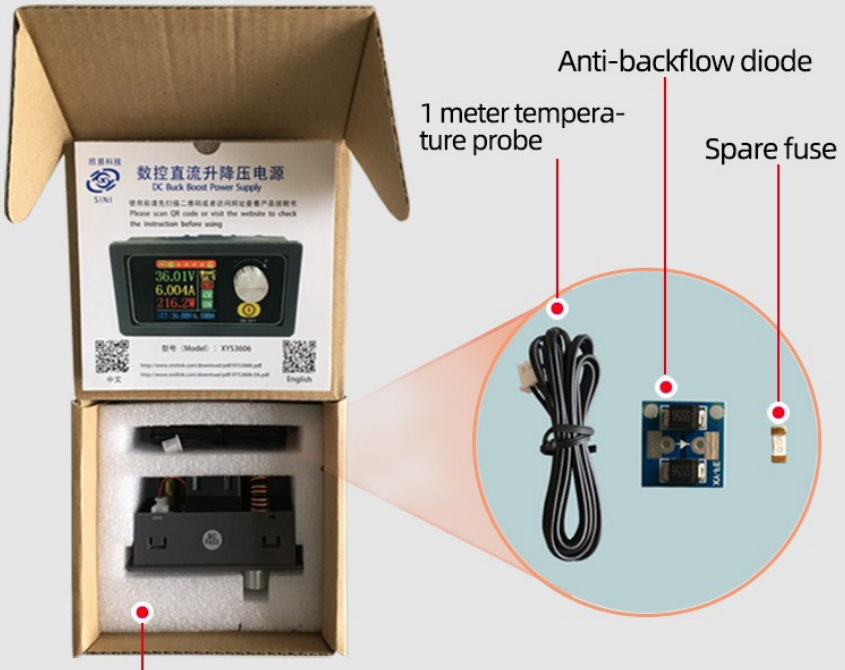
Product Size



The recommended opening size is as shown below



Independent packaging in paper shell



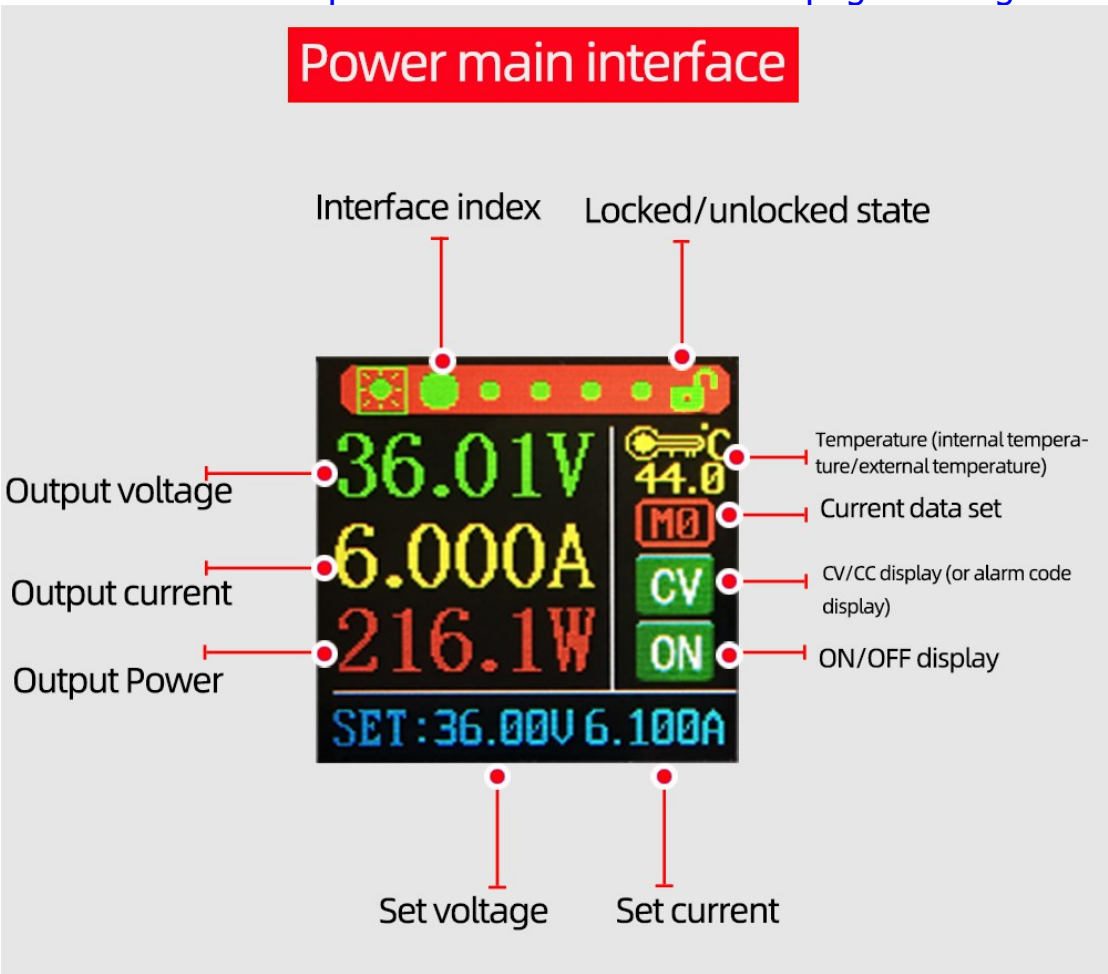
Pearl cotton has good impact resistance and protection

Weight: 140g

Detailed interface and key functions:

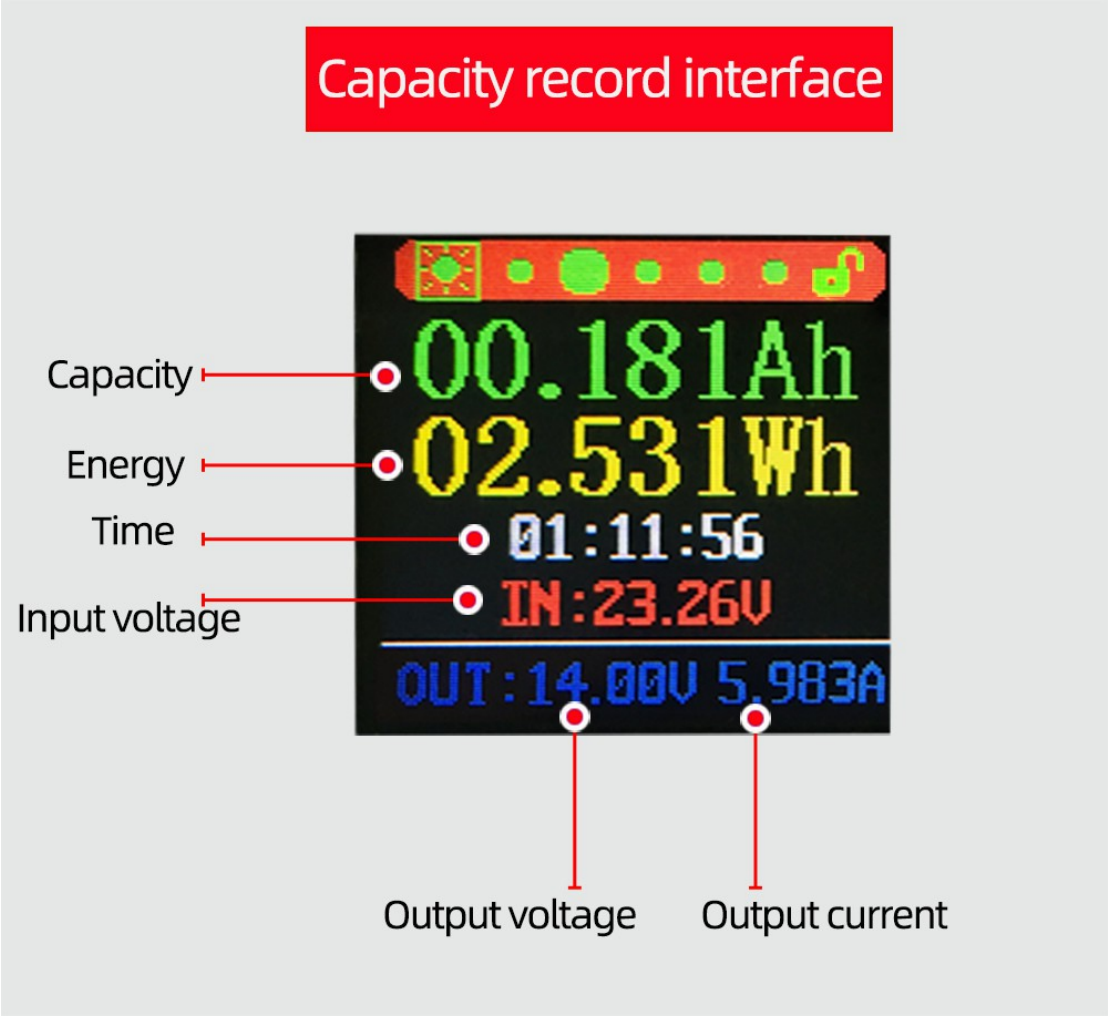
Short press the 'ON/OFF' button to turn on and off the power output, long press the 'ON/OFF' button for 2 seconds, the screen rotates and can be rotated 360° in four directions.

Rotate the encoder potentiometer to realize fast page turning.

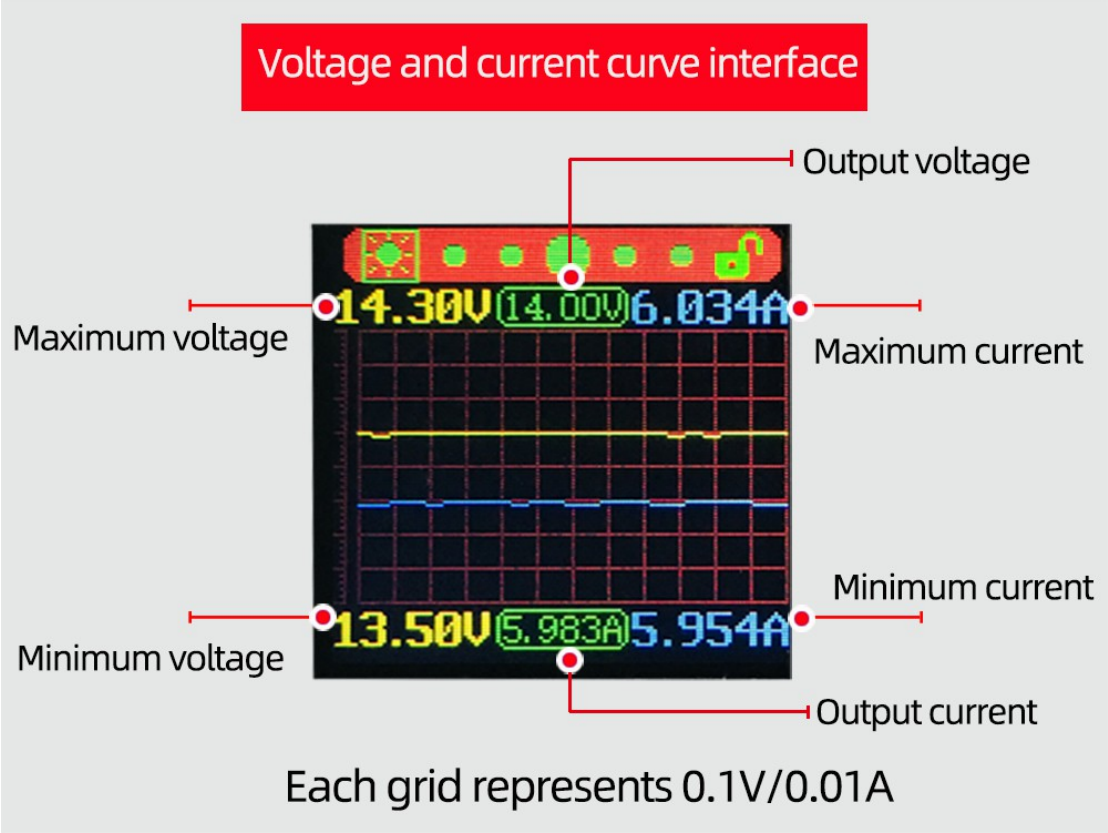


Short press the code potentiometer button to activate the parameter (voltage/current) to be set;
Switch between full selection and bit selection by short pressing the code potentiometer button;
After selecting all, all will be displayed in reverse blue, and the set voltage/set current can be switched through the rotary encoder;
After the bit is selected, the corresponding bit will be displayed in reverse blue, and the parameters can be set through the rotary encoder;
After the setting is completed, long press the code potentiometer

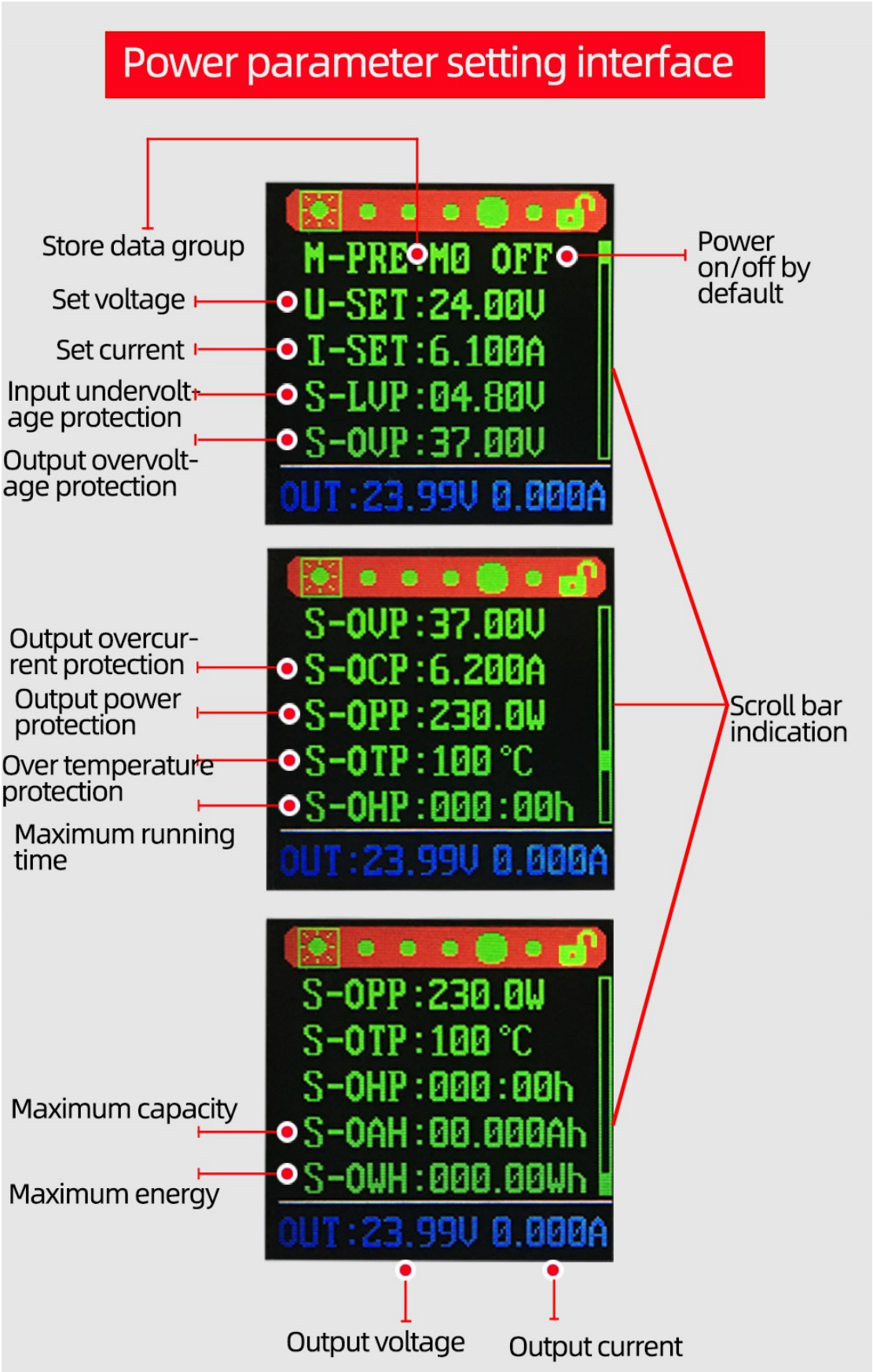
button for 2 seconds or no button operation for more than 6 seconds will automatically exit the setting;
All parameters are automatically saved after exiting.



Short press the code potentiometer button, select all'capacity/energy/time', and the corresponding one will be displayed in reverse blue after all selections. Use the rotary encoder to switch the parameter to be cleared. After selecting, short press the code potentiometer button. Clear the corresponding parameter; after selecting, long press the code potentiometer button for 2 seconds or no key operation for more than 6 seconds will automatically exit.



Short press the code potentiometer button to pause/start curve writing



Short press the code potentiometer button to activate the parameter to be set;

Switch the parameter name and position selection by short pressing the key of the code potentiometer;
After selecting the parameter name, the parameter name will be displayed in reverse blue, and the parameter to be set can be switched by rotating the encoder potentiometer;
After the bit is selected, the corresponding bit will be displayed in reverse blue, and the parameters can be set through the rotary encoder;
After the setting is completed, long press the code potentiometer button for 2 seconds or no button operation for more than 6 seconds will automatically exit the setting;
All parameters are automatically saved after exiting.

Data group function description：

You can save a total of 10 data groups M0-M9, and save to data group M0 by default. Press and hold the code potentiometer button for 2 seconds on any interface to quickly call up the M1/M2 data group. The current data group number will be displayed at the interface index. ;

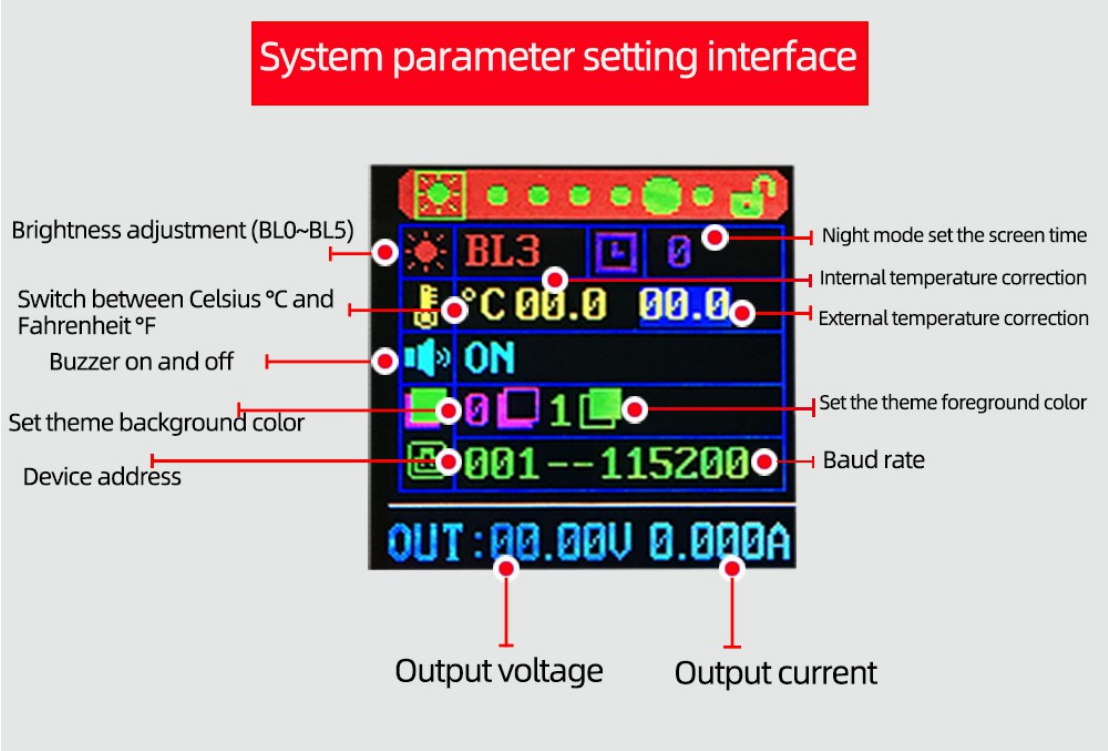
In the power supply parameter setting interface, after selecting the data group, rotate the encoder potentiometer to adjust the corresponding data group;

After the parameters in the data group are modified and exited, the corresponding parameters will be stored in the current data group by default.

Note：The power output is turned off by default after switching the data group ;

Set voltage U-SET: 0-36.00V;
Set current I-SET: 0-6.1A;
Input undervoltage protection LVP default: 4.0V, can be set by yourself;
Output overvoltage protection OVP default: 37V, can be set by yourself;
Output overcurrent protection OCP default: 6.2A, can be set by yourself;
Output over power protection OPP default: 220W, can be set by yourself;

Maximum operating time OHP: When the parameter is not set to 0, turn on this function, and when it runs for the set time, the power supply will automatically turn off the output;
Maximum capacity OAH: When the parameter is not 0, turn on this function, when the capacity reaches the set parameter, the power will automatically turn off the output;
Maximum energy OWH: When the parameter is not 0, turn on this function. When the energy reaches the set parameter, the power will automatically turn off the output;
OHP/OAH/OWH function can well realize timing/quantitative power supply.



Short press the code potentiometer button to select/switch the parameter to be set. After selecting, the parameter will be reversed and set the parameter through the rotary encoder;
After the setting is completed, long press the code potentiometer button for 2 seconds or no button operation for more than 6 seconds will automatically exit the setting;
All parameters are automatically saved after exiting.

Distribution network interface

Set the pairing mode of the WiFi module:
NONE: not set;
AP: Enter AP pairing mode
TOUCH: Enter Touch pairing mode

When the module is connected to the net work, it displays its own IP address

Display the current status of the WiFi module;
NULL: failed to access the router;
TOUCH: Touch pairing mode;
AP: AP pairing mode;
ROUT: successfully connected to the router;
SERVER: successfully networked and went online;

Short press the code potentiometer button to select the pairing mode of the wifi module. After selecting, the parameters will be reversed, and the pairing mode of wifi can be selected by rotating the encoder;

After the setting is completed, long press the coding potentiometer button for 2 seconds or no button operation for more than 6 seconds will automatically exit the setting; the wifi module will automatically configure the network according to the selection。

Product networking steps:

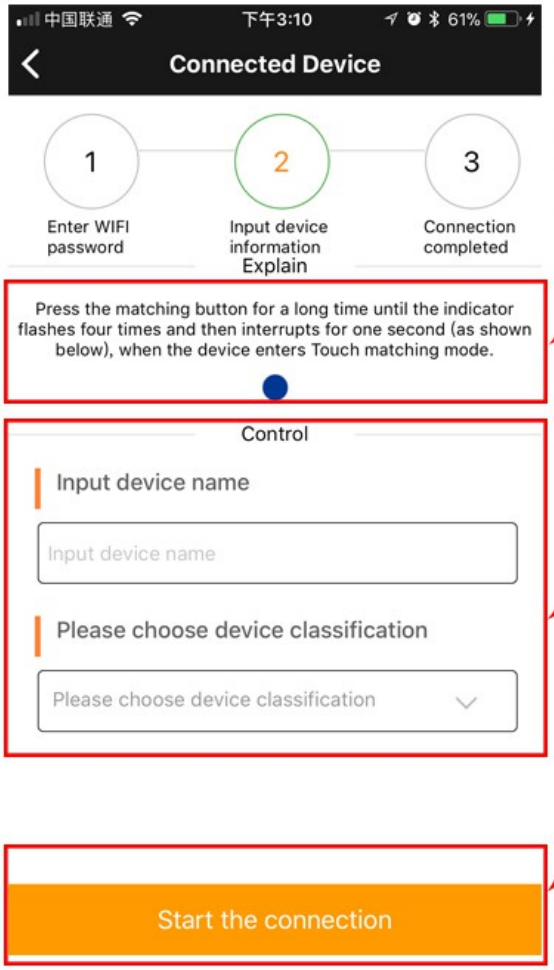
In the distribution network interface, first select touch pairing mode for pairing. If pairing fails, please select AP pairing mode for pairing.

Step 1

During the pairing process, the WiFi network must be 2.4G, and 5g network cannot be paired. (if your WiFi router 2.4G and 5g are network combined, please reconfigure the router, separate them, and select 2.4G network)

Press "+" to add device

Step 2



When the product is powered on, it will enter touch pairing mode by default.

Custom device name and classification

Step 3:Click "start the connection"