

【Wireless controller instructions】

The wireless controller uses a 2.4G frequency RF module to transmit signals wirelessly with the power supply, up to 10 meters remote control. The wireless controller has a built-in 3.7V, 2000mA lithium battery that can be recharged. It can be used for more than 10 hours at full power. The wireless controller adopts a 2.4-inch TFT liquid crystal display with rich display content. With multi-function buttons and knobs, it can be quickly set and adjusted, and the operation is simple and fast.

Technical Parameters	
Item	Details
Wireless transmission method	Radio frequency transmission
Wireless distance	10 meters (no obstacles)
Communication address	00-99
Communication channel	00-30
Wireless frequency	2.4G
Display mode	2.4 inch TFT LCD
Rechargeable battery	3.7V/2000mA
Size	120*80*25mm

Module Description

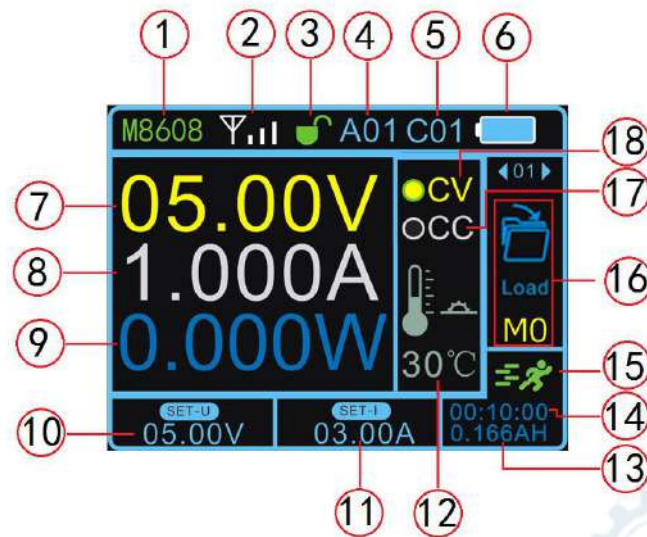


Figure 1-1 Description of the wireless control panel structure



Figure 1-2 Wireless Controller Interface Description

Display Description



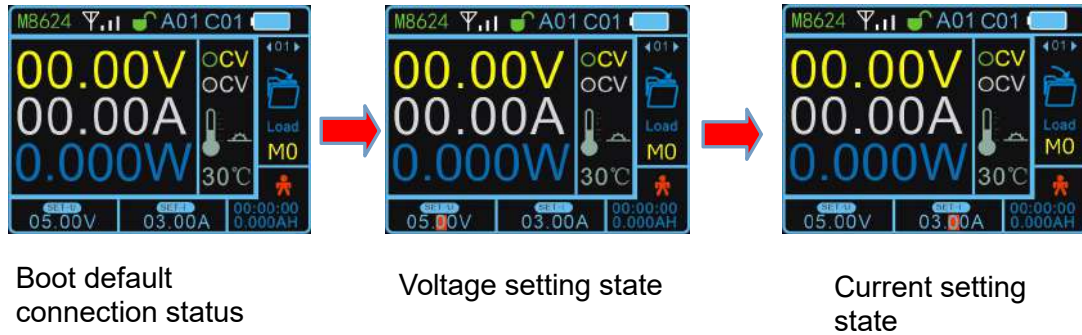
- 1 Product model 2 Signal indication 3 Key lock
 4 Address 01-99 5 Channel 01-30 6 Battery Capacity
 7 Output voltage 8 Output current 9 Output power
 10 Voltage setting 11 Current setting 12 Temperature display
 13 Capacity 14 Running time 15 Operating status
 16 Function bar 17 Constant current indicator
 18 Constant voltage indicator

Operating Instructions

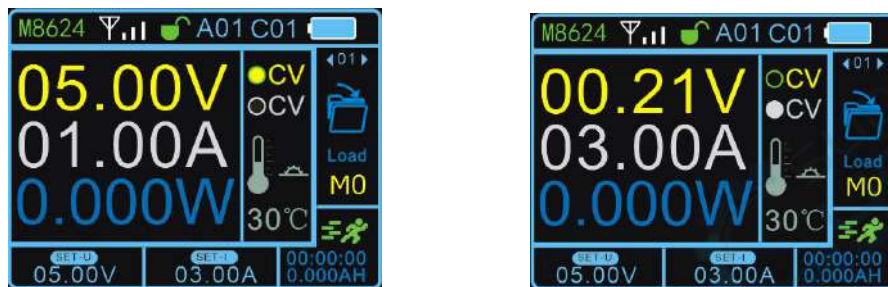
Operating Instructions

一、 Voltage and current setting and on/off output: Press button V, the cursor appears at the voltage setting, rotate the knob to change the value, and the left and right buttons can change the step value. Press button A, the cursor appears at the current setting, the knob can be rotated to change the value, and the left and right buttons can change the step value. Press OK to turn the output on or off.

The voltage and current setting display interface is as follows:



The output status interface is as follows:

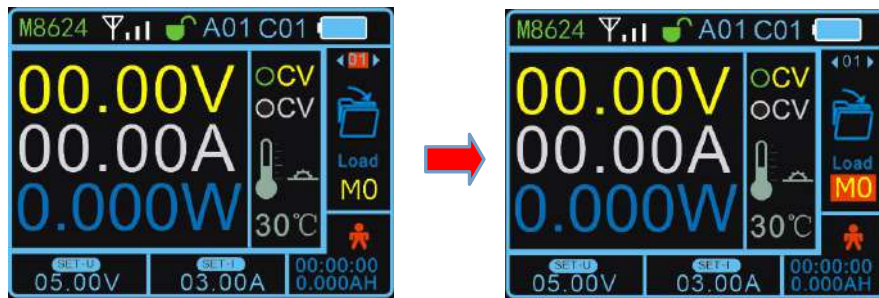


When the constant voltage output is 5V, 1A, and the load current is less than the set current, the output is constant voltage output, and the CV light is on.

When the load current reaches the set current, the output is the set current, the constant current is output, and the CC light is on.

二、Function setting: Press SET button on the main interface to display the position in function option box 01. Press left or right button or rotate knob to select recall, save, clear, address, channel, quick response, auto output, upper limit setting, lower Line setting, limit reset, brightness, auto power off, language, factory reset, about 15 function settings, press OK to enter its function settings, press left or right button or rotate knob to change parameters, then press OK, the setting is successful.

Examples of the function setting display interface are as follows:



Press the SET button
and the cursor will
appear in the function
box position.

Press the OK button to
enter the function
adjustment and change
the parameters with the
left and right buttons or
knob.

三、 Quickly load: Press M1, M2, M3, M4 to quickly load the data in M1, M2, M3, M4 storage locations.

四、 Key lock: Press and hold the SET button to lock the button. When you press and hold the SET button again, the button can be unlocked. After the button is locked, the button lock on the display will turn into a red lock state, indicating that the button is locked.

The key lock display interface is as follows:



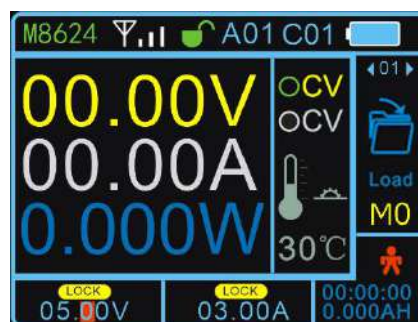
Key lock status

五. Upper and lower limit setting: After setting the voltage and current, select the upper or lower limit in the function and save it, you can set the current voltage and current value as the upper limit or lower limit. The upper limit is displayed as MAX and the lower limit is displayed as MIN. If the upper and lower limits are the same value, the display is LOCK. To cancel the limit, select the limit reset function.

Upper and lower limit display interface:



When the adjustment voltage and current reach the upper limit, it is displayed as MAX.



The upper limit value is the same as the lower limit value and it is displayed as LOCK.

Function Detailed Explanation

Number	Items	Features
1	Load	Load the parameters of a position of M1-M9.
2	Save	Save the parameters to a location in the M1-M9 storage location.
3	Clear	Working hours and ampere hours are cleared.
4	Address	The address (there are 99 addresses of 01-99), different addresses represent different host power supplies, and one-to-many control display is possible.
5	Channel	Channel (with 01-30 total 30 addresses), different channels represent different host power supplies, and which can perform one-to-many control display. The host address is set to 00, meaning it is not controlled by any wireless controller.
6	Quick response	After the quick discharge is turned on, the response time of the voltage from high to low is relatively short.
7	Automatic output	After the automatic output is turned on, the output will be automatically turned on when the power is turned on. ON (on), OFF (off).

Number	Items	Features
8	Upper limit setting	Set a parameter in the set voltage and current box to enter the upper limit setting function. Press OK to indicate that the setting is successful. After the setting is successful, when the upper limit is adjusted, the setting area will display MAX, indicating that the upper limit has been reached.
9	Lower limit setting	Set a certain parameter in the set voltage and current box, enter the lower limit setting function, press OK to indicate that the setting is successful. After the setting is successful, when the lower limit is adjusted, the setting area will display MAX, indicating that the lower limit has been reached.
10	Limit reset	Cancel the upper and lower limit settings
11	Brightness	The brightness adjustment range is from 1% to 100%.
12	Automatic shut-down	The time adjustment is up to 30 minutes, the adjustment step value is 10 seconds, and the setting is 0 seconds, indicating constant light. After the screen is off, press the power button to turn it on.
13	Language	The language is available in both Chinese and English.
14	Reset	The factory settings of the wireless controller can be restored, but the factory settings of the power supply cannot be restored.
15	About	Display product model and our company website, you can view product information and download data.