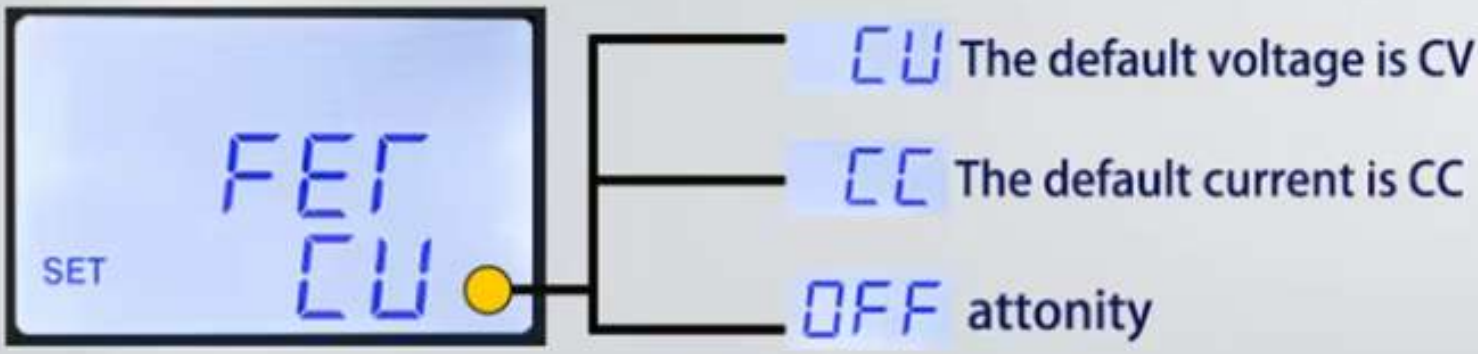
Instructions for Use

1. Set voltage and current:

In the operation interface, press V/A button to enter the setting voltage and current interface, LCD downlink display SET, CV flashes, set voltage selection and blink, then press SW or code potentiometer button to switch voltage selection, and adjust the set voltage through the rotary encoder; Press V/A button again, LCD downlink display CC flashes, set current bit selection and blink, press SW or code potentiometer button to switch current bit selection, adjust the set current through the rotary encoder; Press the V/A button again to exit and save the Settings to return to the operating interface; Long press the V/A button for 2 seconds or wait for 6 seconds without any key operation. Then the system will automatically exit and save the Settings, and return to the operation interface.

2.Quick setting of voltage or current:



In the parameter setting interface, set parameter FET to CV or CC, rotate the encoder in the operation interface, then enter the setting voltage and current interface, rotary encoder, quickly set the voltage or current.

3.Setting Parameters:

3.1 On the running screen, hold down SW for 2 seconds to enter the parameter setting screen.

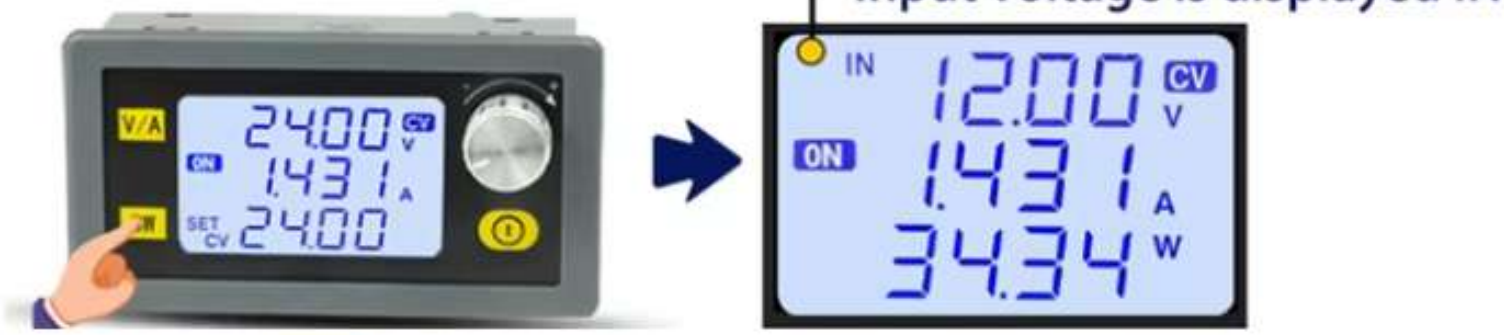
3.2 Press SW to switch the parameters to be set, press the encoder button to switch the bit selection, rotate the encoder and adjust the parameters;

3.3 ON the interface of Maximum Capacity (OAH)/Maximum Power (OPH)/-Maximum Running Time (OHP), press the "ON/OFF" ⏻ button to enable or disable the corresponding function. If the function is disabled, "----" will be displayed.

3.4 ON the Maximum Capacity (OAH)/Maximum Energy (OPH) screen, hold down ON/OFF ⏻ Button selection capacity range (9.999Ah/ 99.999AH /9999Ah /9999Ah,9.999Wh/ 99.999WH /9999Wh);

3.5 After the parameter setting is complete, hold down the SW button for 2 seconds to exit the setting screen. The Settings are automatically saved

4.Input and output voltage display:



Press the SW button on the running interface to switch the input and output voltage display.

5. View power (W)/ capacity (Ah)/ energy (Wh)/ time (h) :

In the operation interface, press the encoder button to switch the display power (W)/ capacity (Ah)/ energy (Wh)/ time (h).

6.Locking Function:

In the operation interface, long press the encoder button for 2 seconds to lock the voltage and current set to prevent misoperation; After locking, long press the encoder button for 2 seconds to unlock.

7.Data group function

This product has 10 sets of data from Cd0 to Cd9 (among which Cd8=12V and Cd=24V cannot be adjusted), and the data is saved in Cd0 by default. The specific methods for checking and modifying are as follows:

7.1. Long press V/A key for 2 seconds to enter the data group call out interface, the upper two lines display the set voltage value CV and set current value CC of the data group, and the number of the downstream display group is CD1-CD9;

7.2. Press V/A key to switch between setting voltage CV, setting current CC and data set serial number Cd, and modify parameter value through encoder;

7.3. After confirmation of the data group, long press V/A to pull out the data group and return to the operation interface;

8. Details of other functions:

8.1 Capacity/Energy/running time Statistics:

After the power is turned ON (ON), the statistics will be automatically started. After the power is turned OFF (OFF), the value of the previous state will be displayed. After the power is turned on again (ON), the record will be automatically restarted. ON the corresponding screen, press and hold ON/OFF  Key 2 seconds will automatically clear the corresponding data.

8.2 Setting the Maximum capacity, Maximum Energy, and Maximum Running Time

8.2.1. Setting the Maximum capacity (OAH)/energy (OPH) : When the OAH/OPH function is started and the statistical capacity/energy is higher than the set maximum capacity/energy, the power supply automatically shuts down the output and flashes "OAH" /'OPH'; After the alarm is removed, the capacity/energy statistics will be cleared automatically.

8.2.2. Setting the Maximum Discharge Time (OHP) : After the OHP function is enabled, when the running time of the power supply is greater than the set maximum discharge time, the power output will be automatically turned off and "OHP" will blink. After the OHP alarm is lifted, the time statistics will be cleared automatically.

This function can achieve a good quantitative/timed power supply.

Note: When OAP/OPH and OHP functions are not enabled, the power supply will automatically record the capacity/energy and running time. After OAH/OPH and OHP functions are enabled, the power supply will automatically shut down the output after reaching the set value. After OHP function is enabled, the running time of power supply is countdown mode;