

**High
Precision**

**All
Functions**

**Small
Size**

WZ3605E

Digital control • Power supply

**Adjustable power supply constant voltage
and current voltage rise and fall module**

Stable performance | Multi screen HD | Clear intuitive | Easy operation



36V
output
voltage

5A
output
current

80W
output
power

10组
storage

- * There is no communication version of this product
- * This product is adjustable power supply of DC voltage rise and fall. Please read the instructions before use. Do not connect AC or exceed the allowable input voltage range.

HD Color screen display

It adopts 1.44 inch high-definition color screen display and multi screen display. The output voltage is adjustable from 0.6 V to 36.00V, and the output current is adjustable from 0 to 5.000A. Small size, high precision, widely used.

Short press: Voltage setting/
Up direction

Long press: M1 call out/exit

Rotary encoder



Short press:
current setting/
Down direction

Long press:
M2 call out/exit

On/Off button

1.44 Inch HD LCD

Functional features

01

Input reverse connection protection

02

10 data storage

03

CV/CC

04

Overvoltage protection

05

Over power protection

06

Overcurrent protection

Output multiple protections

Constant voltage and current

CV Constant pressure status

CC Constant current status



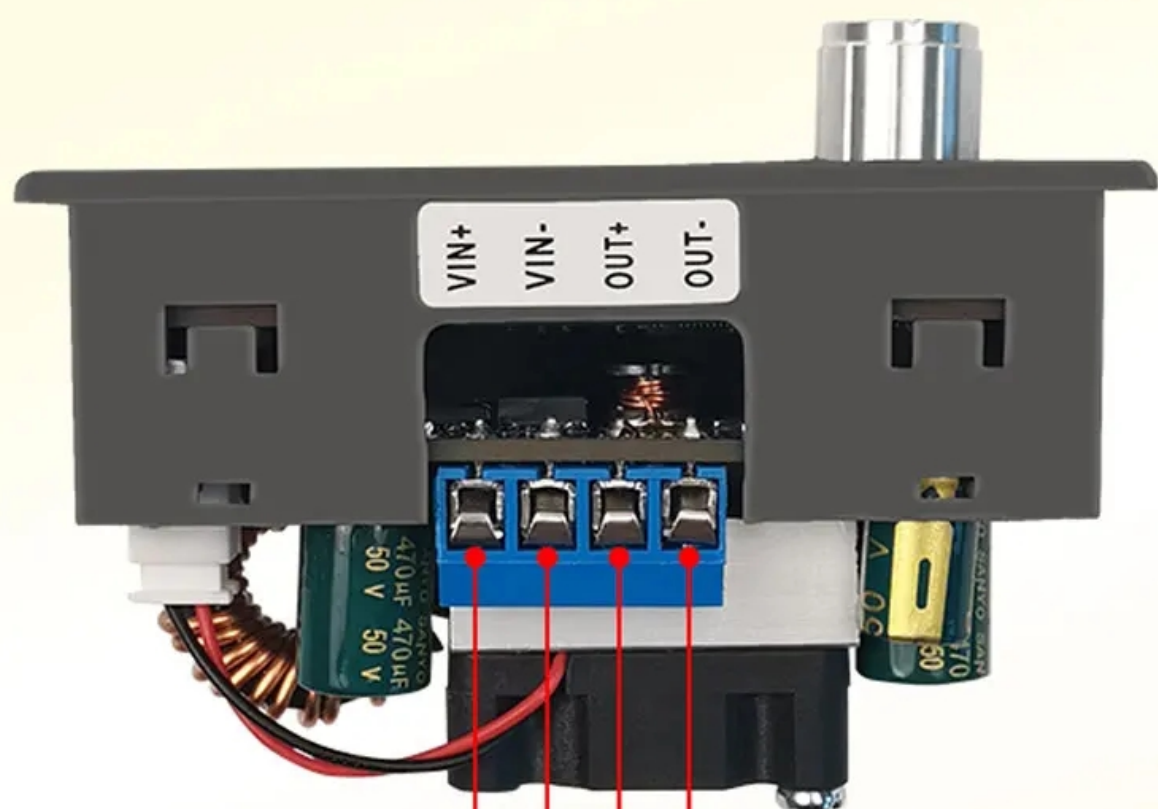
Quick output	Switch indication	Status indication
M0	ON open	✓ Normal status
M1	OFF close	OVP Over voltage status
		OCP Over current status
		LVP Under voltage status
		OPP Over power status
		OHP Over time status
		OAH Over capacity status
		OWH Over energy status

Professional equipment calibration

Using high precision sampling chip, low temperature drift reference power supply and advanced over sampling and filtering Algorithm, optimize calibration process, hang up aging test, etc., to ensure the accuracy and stability of the product Set!

Four bit resolution





Input positive

Input negative

Output negative

Output positive

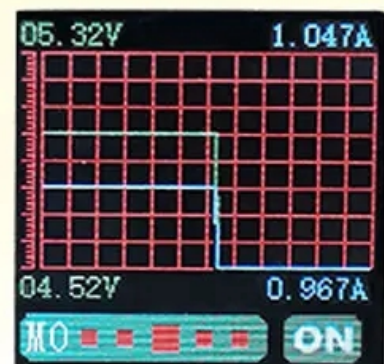
Multi interface display



Power main interface



Statistics interface



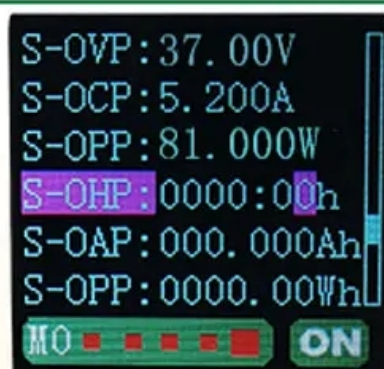
Voltage/current curve



System setting interface



Data group settings



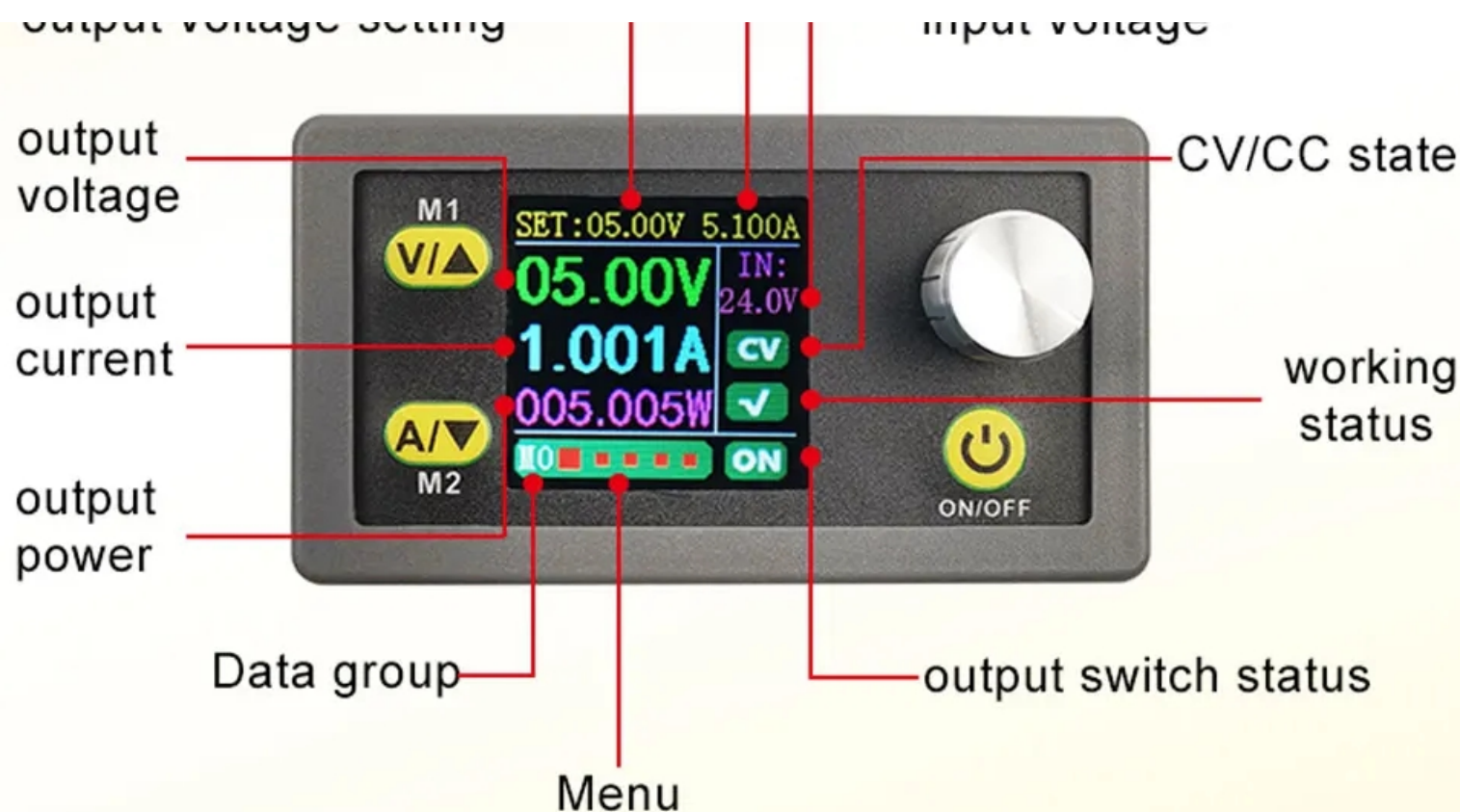
Data group settings

Display and operation of main interface

output current setting

output voltage setting

input voltage



Output on/off setting

In the off state, short press , turn on output. shour press in open state , close output.

Set output voltage/current

In the main interface, short press , enter the voltage setting state (reverse red display), press encoder, move and cycle the selected number one by one, rotate the rotary encoder to change the number to be large small. after adjustment, press  save the current data and exit. 30 seconds no operation will be automatic sign out. The passage of the same principle  set the current quickly.

M1/M2 Data group quick call out

In the main interface, long press **V/▲**, data group 1 can be called out, and the lower part of the screen is displayed the column displays the data group number that has been called up. under data group 1, long press **V/▲** to return data group M0. Same as long press **A/▼**. M3-M9 data group in the required number call up and set according to group setting interface. Please refer to the corresponding interface setting instructions.

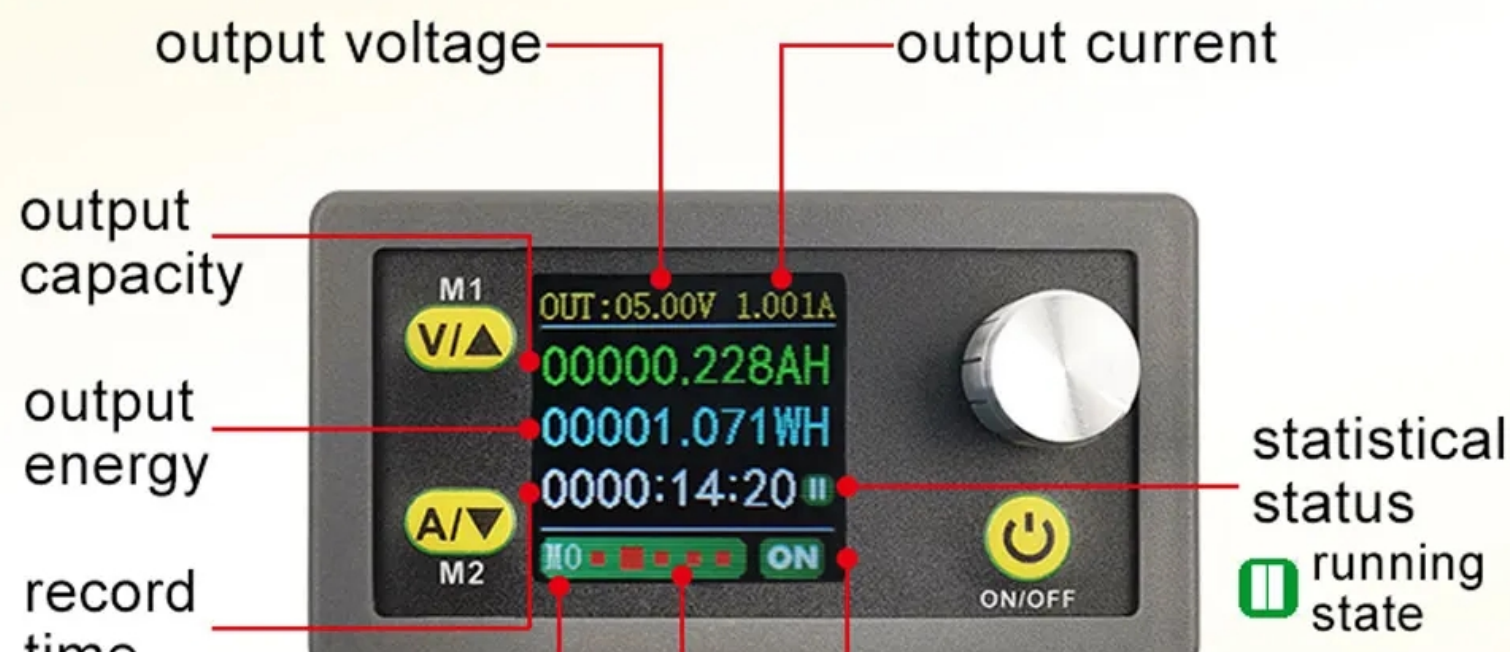
System zero out

In the main interface, there is a small current. Long press the rotary encoder to calibrate the output small current drift.

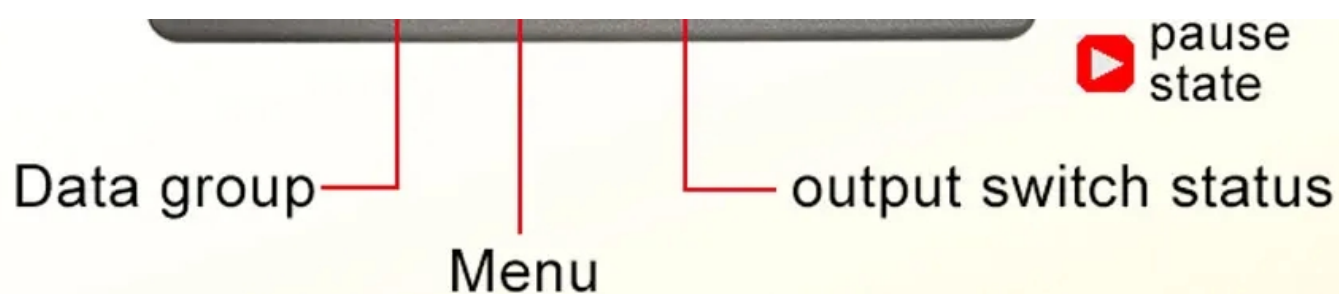
Interface switching

No settings are selected, and the rotary encoder switches menus.

Statistical interface display and operation



time



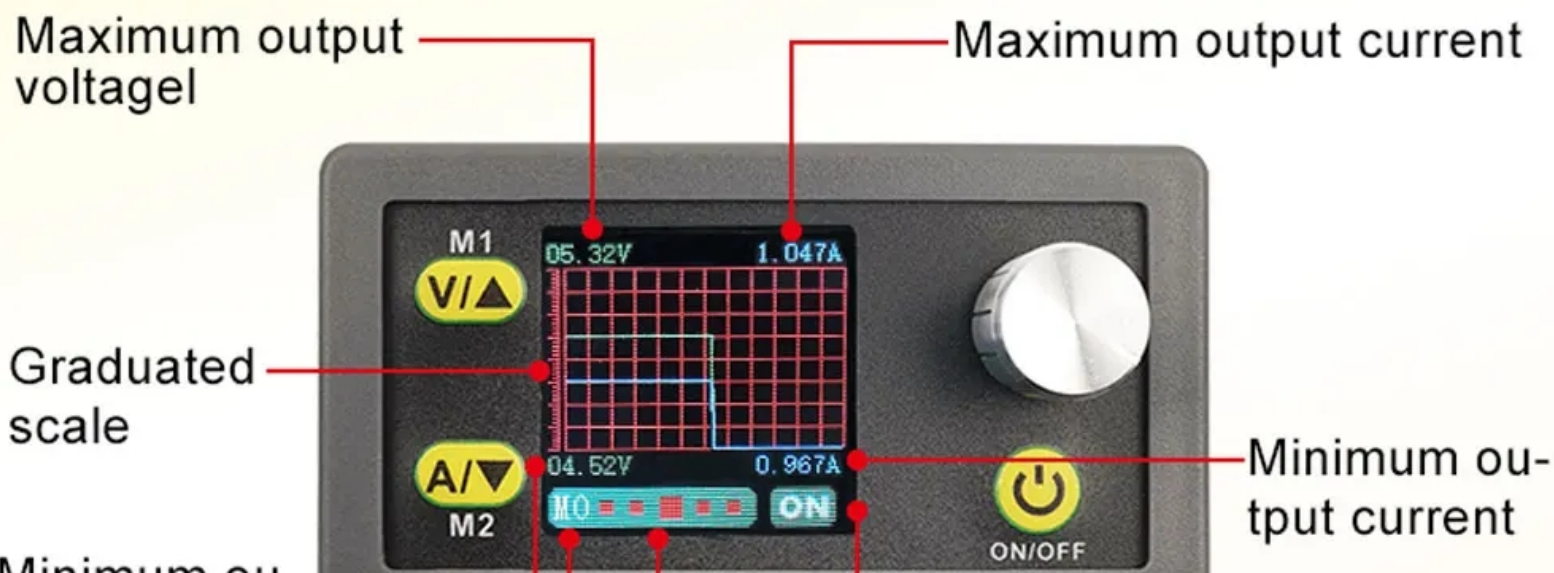
Statistics run / pause

In the statistics interface, in the running state, short press the rotary encoder to pause the statistics. In pause, press the rotary encoder for a short time under the state, and the operation will be counted.

Clear statistics

In the statistics interface, press and hold the rotary encoder to clear the statistical information.

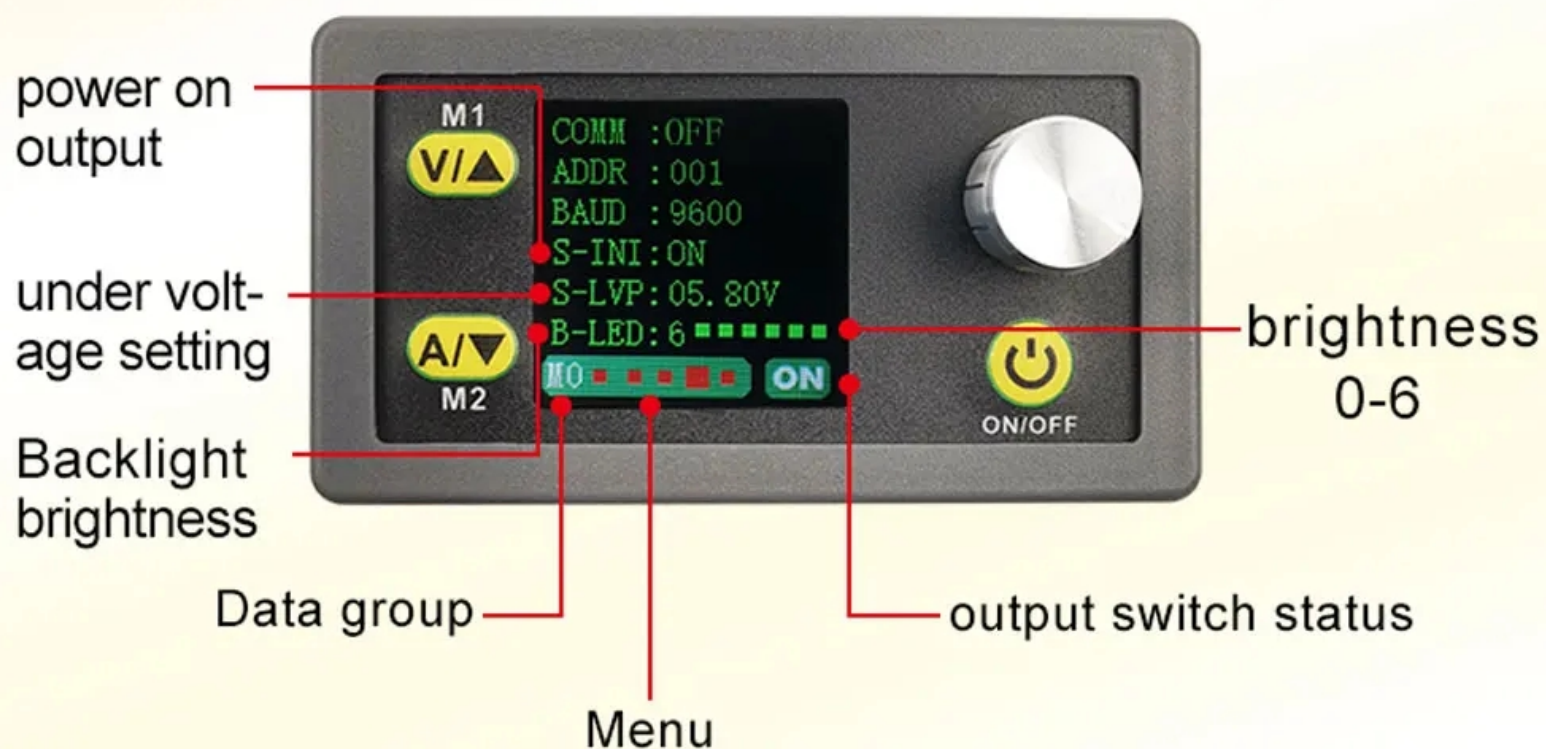
Voltage current curve interface





Each grid represents: 0.1V/0.01A Sampling time: 1S

System setting interface



Enter system settings

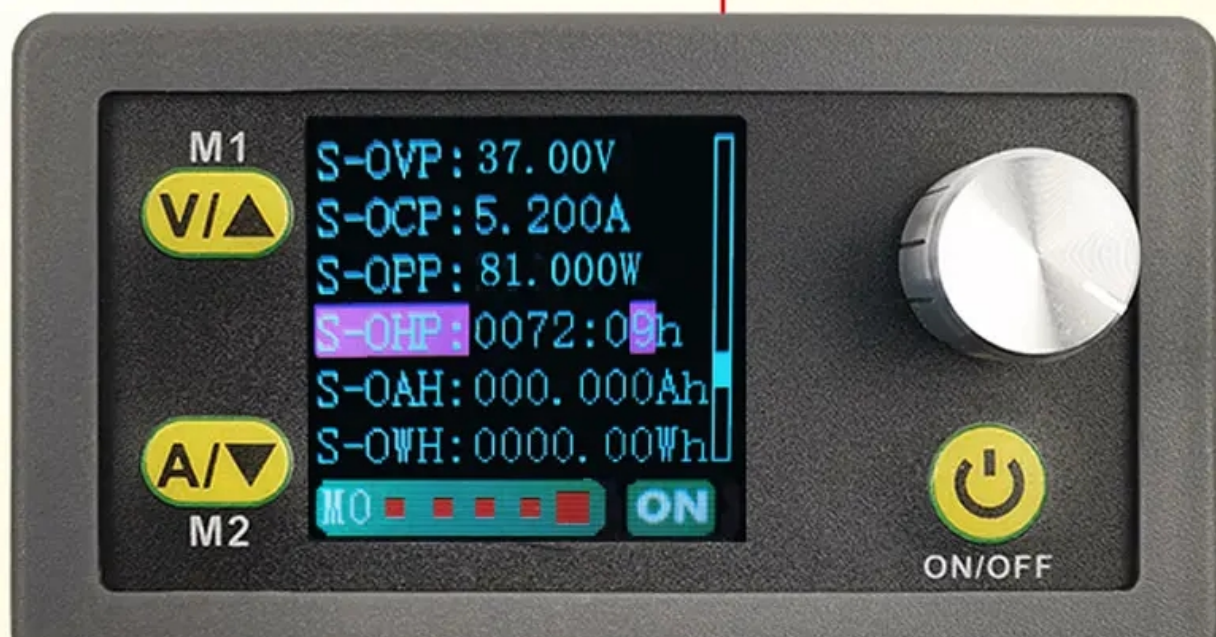
Long press rotary encoder or short press **A/▼** to enter system setting. The selected item will be displayed in reverse, short press **V/▲** or **A/▼** switch the selected entry. and then rotate the encoder to adjust the set-

ting. Set up after setting, press and hold the rotary encoder to save the exit system settings.

Data group setting interface



scroll bar



- M-PRE:** 1. Select data group M0-M9; 2. Set call out output.
- U-SET:** Set the output voltage value.
- I-SET:** Set the output current value.
- S-OVP:** Set the overvoltage protection value.
- S-OCP:** Set the overcurrent protection value.
- S-OPP:** Set the over power protection value.
- S-OHP:** Set the maximum run time(parameter is 0,closed by default)
- S-OAP:** Set the maximum capacity(parameter is 0,closed by default)
- S-OWH:** Set the maximum energy(parameter is 0,off by default)

» Data group setting method

Long press rotary encoder or short press **A/▼** to enter data group setting. The selected item will be reversed, short press **V/▲** or **A/▼** to switch the selected items, and then rotate the encoder to adjust the settings. After setting, press and hold the rotary encoder to save and exit the setting.

Product information

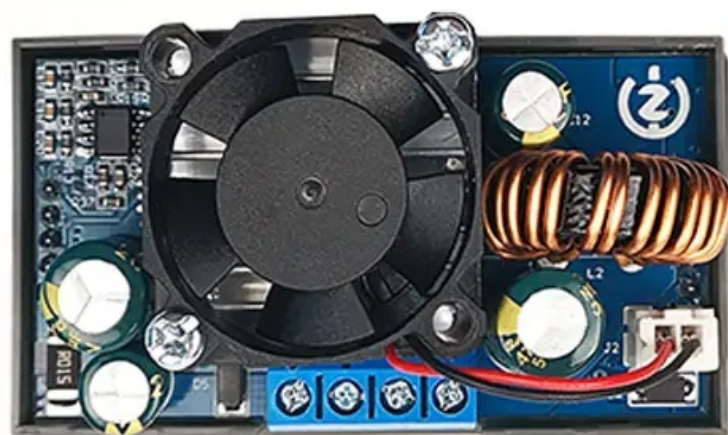
Model: M7000F	Product name: M7000F
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Model:WZ3605E	Display:1.44 inch Color screen
Input voltage range:6.00-36.00V	Input voltage resolution:0.1V
Output voltage range:0.60-36.00V	Output voltage resolution:0.01V
Output current range:0-5.000A	Output current resolution:0.001A
Output power range:0-80.000W	Input voltage accuracy: $\pm(1\%+5)$
Output voltage accuracy: $\pm(0.3\%+3)$	Output current accuracy: $\pm(0.5\%+5)$
Output ripple:150mV	Temperature:-10°C~60°C
Time range:0-10000 hour(unit:S)	Energy range:0-99999.999WH
Capacity range:0-99999.999AH	Capacity energy error: $\pm 2\%$
Screen brightness:0-6 7 levels	Product Size:79*43*48mm
Including package weight: about 135g	

Product mix

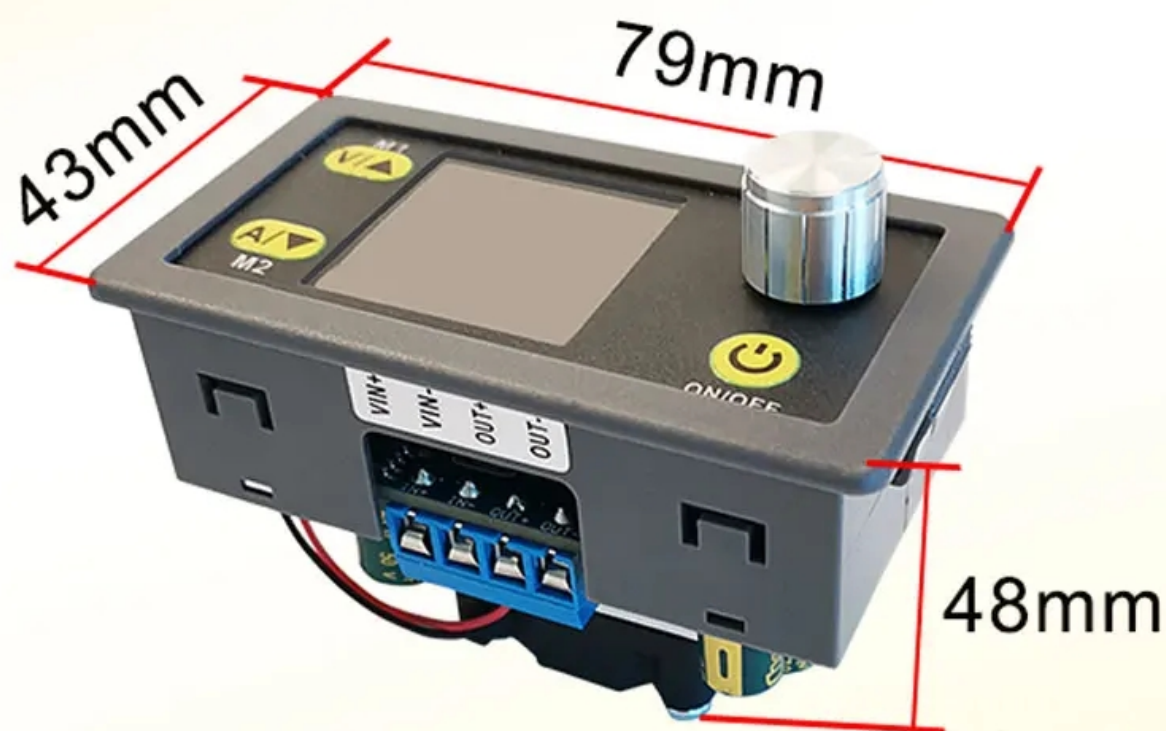


Positive



Back

Product Size



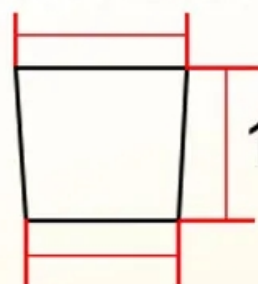
Opening Size





Card slot size

12.40mm



12.14mm

For embedded installation,
panel opening size is
75mm*39mm

Net weight: about 95g Height of the slot 3.34mm

Product packaging





Paper shell independent packaging



Weight: about 135g (including package)