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WALFRONT WZ3605E Digital Control Power Supply User Guide



allowable input voltage range.

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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

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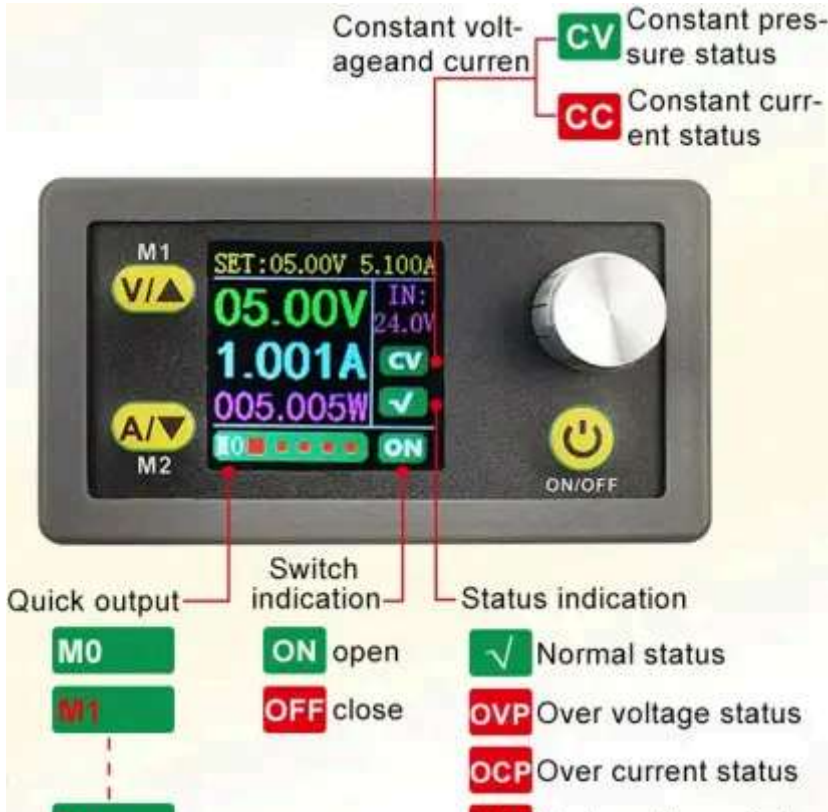


Functional features



4. Over voltage protection
5. Over power protection
6. Over current protection

Output multiple protections



Manuals+

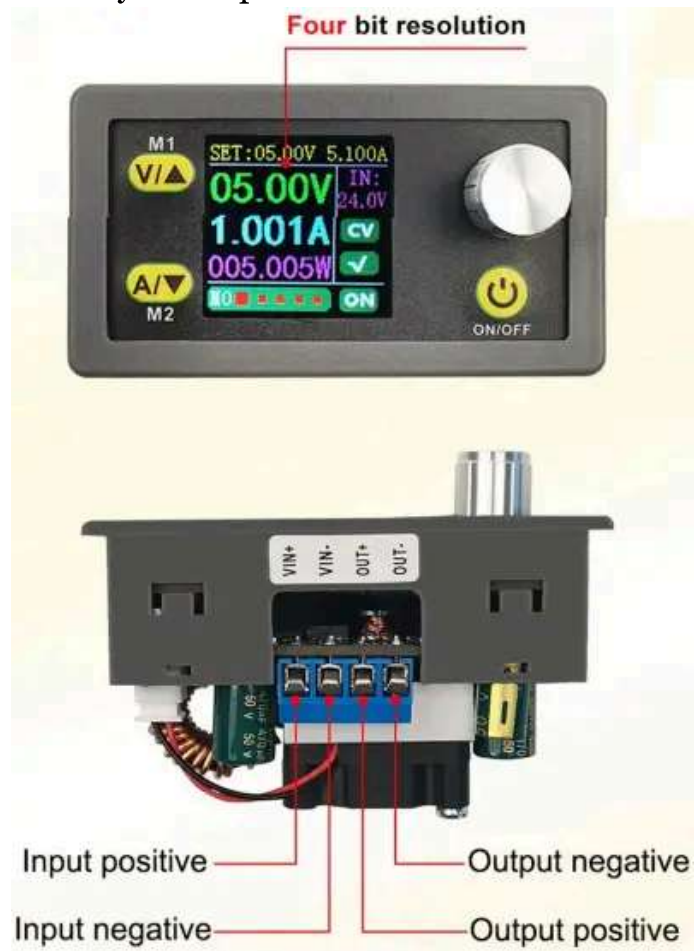
- OHP** Over time status
- OAH** Over capacity status
- OWH** Over energy status



Professional equipment calibration

Using high precision sampling chip, low temperature drift reference power

stability of the productSet!



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Multi interface display



Power main interface



Statistics interface



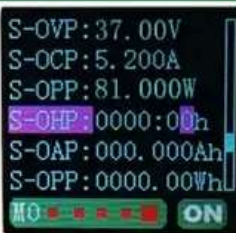
Voltage/current curve



System setting interface

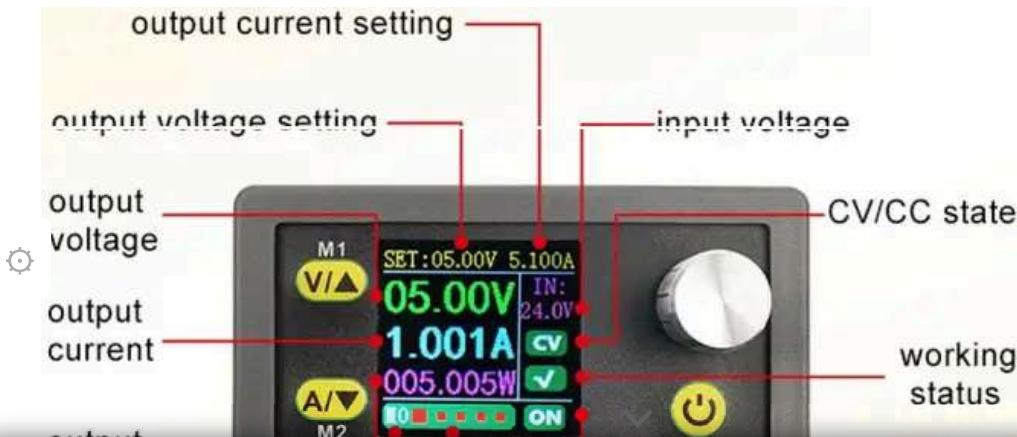


Data group settings



Data group settings

Display and operation of main interface



Output on/off setting

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


Set output voltage/current

In the main interface, short press VI, 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 VIA save the current data and exit. 30 seconds no operation will be automatically sign out. The passage of the same principle (A set the current quickly).

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M1/M2 Data group quick call out

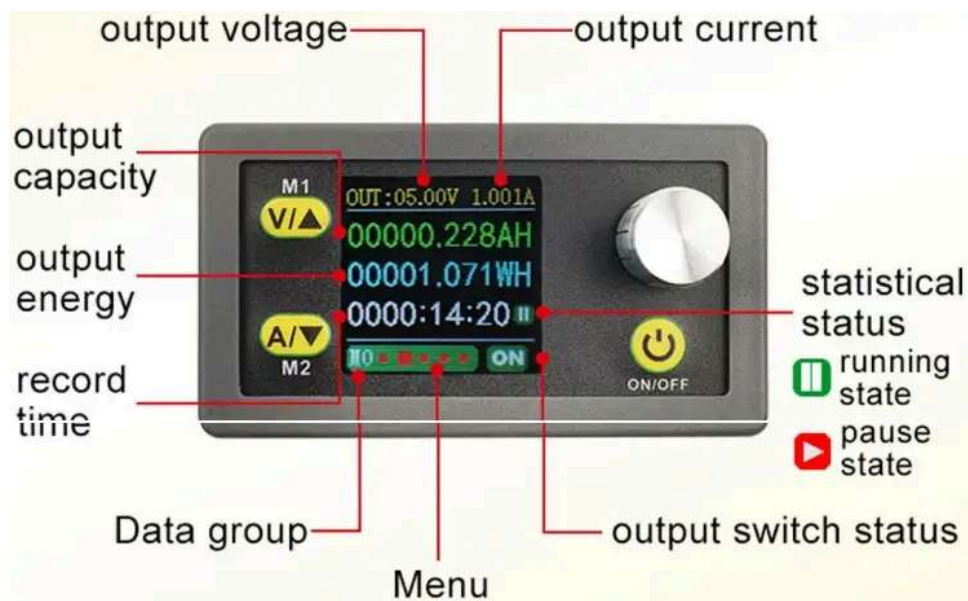
 In the main interface, long press (VIA, data group 1 can be called out, and the lower part of the screen is displayed the column displays the data group number that has been called up. Under data group 1, long press VA to return data group MO. Same as long press AM3-M9 data group in the required

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



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.

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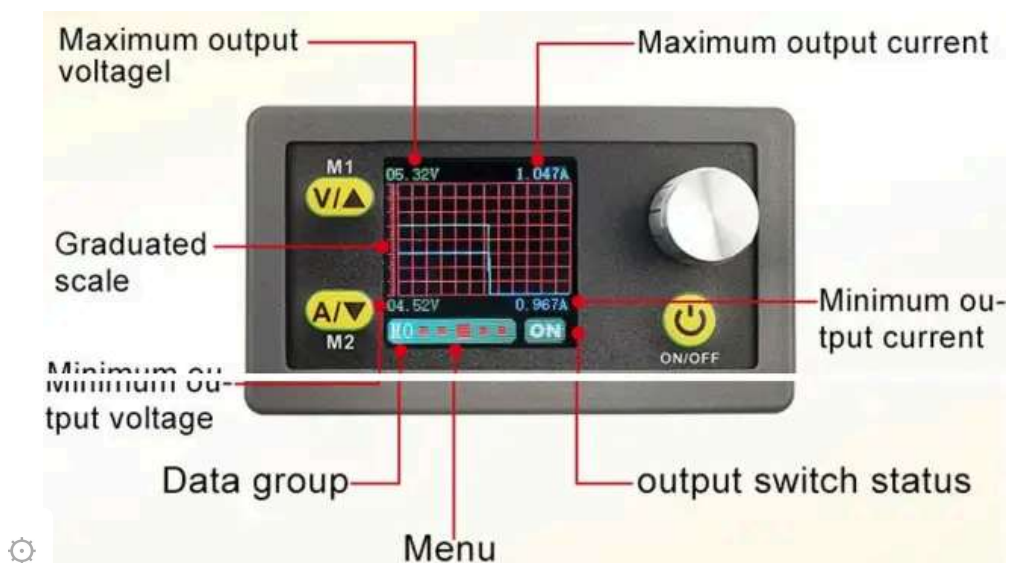




Clear statistics

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

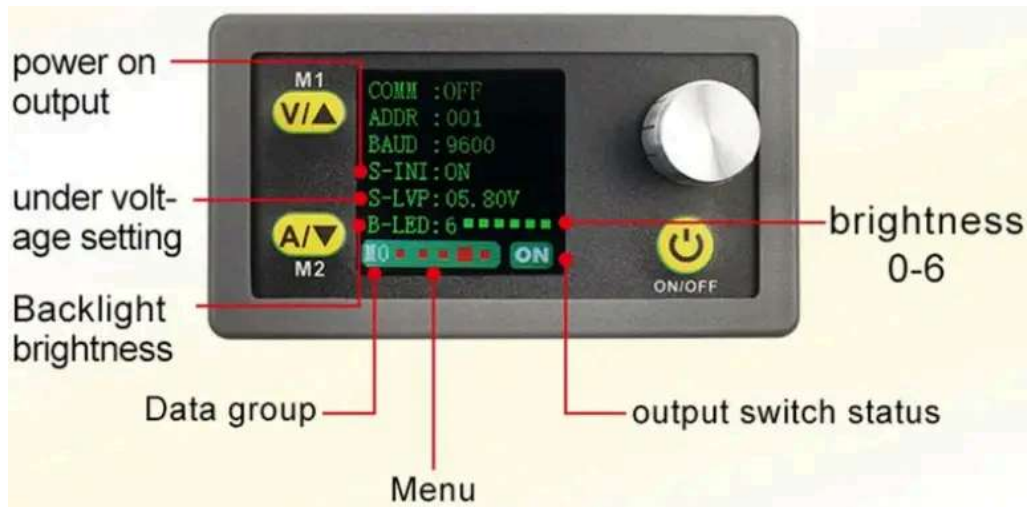
Voltage current curve interface



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



System setting interface



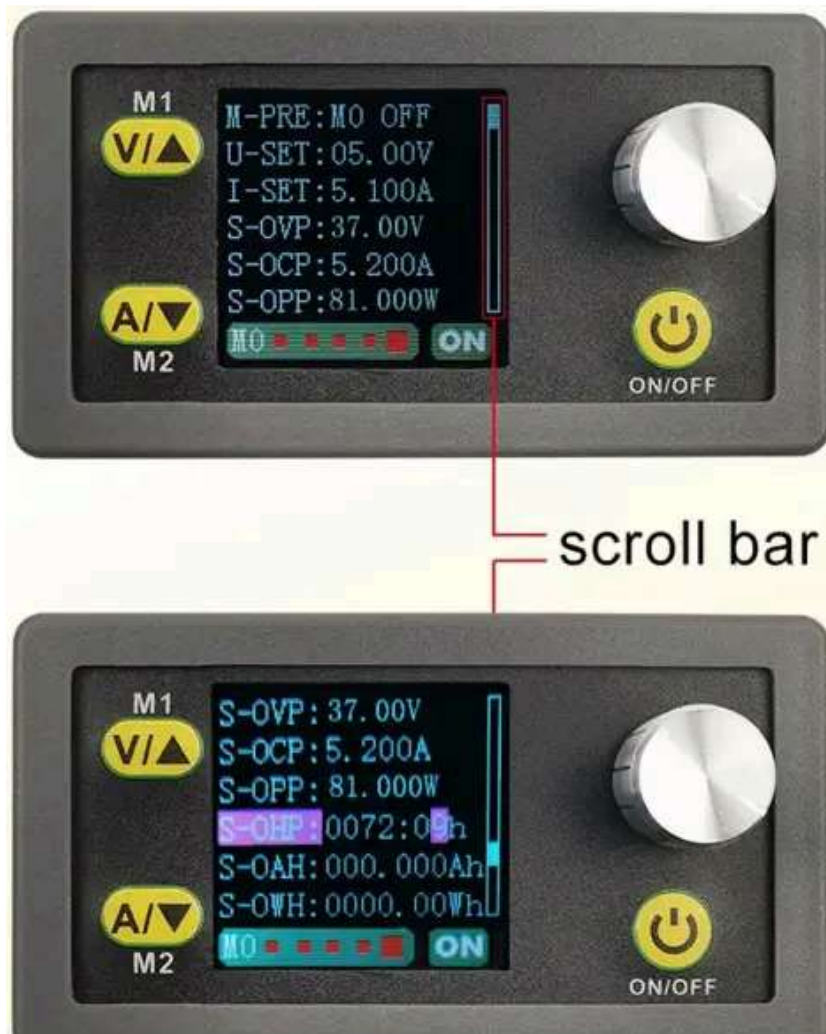
Enter system settings

Long press rotary encoder or short press (A) to enter system setting. The selected item will be displayed in reverse, short press VIA or A/V switch the selected entry, and then rotate the encoder to adjust the setting. Set up after setting, press and hold the rotary encoder to save the exit system settings.

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Data group setting interface



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 VIA or A to switch the selected items, and then rotate the encoder to adjust the settingsSet.After setting, press and hold the rotary encoder to save and exit the set- ting.

Product information

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	Intput voltage accuracy: $\pm(1\%+5)$
Output voltage accuracy: $\pm(0.3\%+3)$	Output current accuracy: $\pm(0.5\%+5)$
Output ripple:150mV	Temperature 10 ¹ C-60t
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

Product mix



Positive

Back

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Product Size



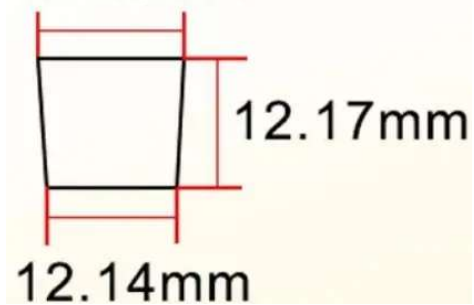
Opening Size



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

Card slot size

12.40mm



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Product packaging




Paper shell independent packaging



Weight: about 135g (including package)



Documents / Resources

<p>High Precision All Functions Small Size</p> <p>WZ3605E</p> <p>Digital control • Power supply</p> <p>Adjustable power supply constant voltage and current voltage rise and fall module</p> <p>Stable performance (Multi screen HD) (Clear intuitive) (Easy operation)</p>  <p>36V output voltage 5A output current 60W output power 104h storage</p> <p>* 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.</p>	<p>WALFRONT WZ3605E Digital Control Power Supply. [pdf] User Guide</p> <p>WZ3605E, WZ3605E Digital Control Power Supply, Digital Control Power Supply, Power Supply</p>
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References

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