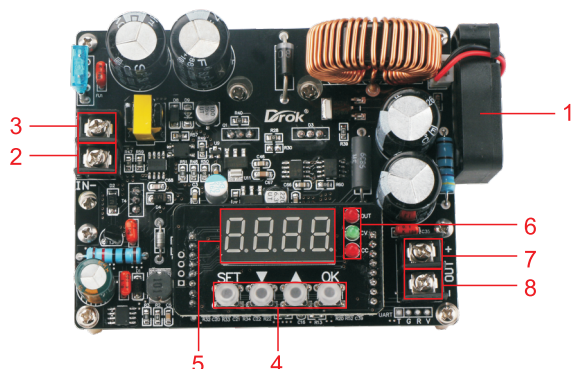


## Product Parameters:

Input Voltage Range: 10V-75V  
 Adjustable Output Voltage Range: 0-60V  
 Adjustable Output Current Range: 0-12A  
 Output Power: 0-720W  
 Output Voltage Setting Resolution: 10mV  
 Output Current Setting Resolution: 10mA  
 Power Supply Effect: CV<0.5%+10mV CC<1%+10mA  
 Load Effect: CV<0.5%+10mV CC<1%+10mA  
 Output Ripple: < 50mVpp (input 54V, output 12V, current 5A)  
 100Hz Fluctuation Transmission Ratio:< 1/10000  
 Typical Efficiency: 94% (input 54V, output 30V, current 5A)  
 Voltage Display Error: ±1%+20mV  
 Current Display Error: ±1%+20mA  
 Response Time: <50ms  
 Save Operation: M0~M9 10 groups of data  
 Operating Temperature: 0~40°C  
 Cooling Method : With heat sink and fan, please pay attention to ventilation  
 Working Environment : Designed for indoor use, maximum humidity 80%  
 Dimension: 3.97\*2.95\*1.89 inches

## Module description:



Number	Note	Number	Note
1	Cooling fan	5	Digital tube
2	Input -	6	Working status indicator
3	Input +	7	Output +
4	SET ( operation key)	8	Output -

## Display directions:

LED Display Show	Directions
00.00	Voltage 00.00~60.00V
0.00A	Current 0.00A~12.00A
0.00C	Capacity 0.00AH~99.9AH
0.00H	Time 0.00H~9.59H

## Using Instruction:

**1. Wiring**  
 Connect input, output correctly and make sure input voltage is within requested range. It is forbidden to connect reversely.

**2. Setting voltage and current value**  
 LED display will show you voltage set value once you power this item on. Voltage set value displays like "00.00". If it is 12.00, that means it is 12.00V. You can switch to current set value by pressing "SET" button. Current set value displays like "0.00A". If it display "1.20A" that means "01.20A". (Note: if it displays 4 numbers, that is voltage reading; if it displays 3 numbers and one "A", that is current reading.)  
 Setting method: Press ▲ to increase set number and press ▼ to decrease set number, press to set accurately, keep pressing to quick setting. Once you press "SET", it will switch to set current value or voltage value.

**3. Turn on output**  
 After setting voltage and current value, you can press "OK" then it will turn on output. After that you can switch voltage display and current display by pressing "OK".

**4. Adjusting voltage and current value at output status.**  
 At output status, press ▲ to increase output voltage, press ▼ to decrease output voltage when it displays voltage; press ▲ to increase output current, press ▼ to decrease output current when it displays current. Press to set accurately, keep pressing to quick setting.

**5. Cut off output**  
 Pressing "SET" at output status, you can cut off output.

**6. Auto-output function when powering it.**  
 1). Start auto-output function when power on  
 Keeping pressing "SET" to enter parameter setting interface, press Up key to adjust to "-F2-". Then press "OK" key, at this time, it will display "Yo-0". After that, switch it to "Yo-1" by pressing Up key. Lastly, please press "OK" key to store your setting.  
 2). End auto-output function  
 Keeping pressing "SET" to enter parameter setting interface, press Up key to adjust to "-F2-". Then pressing "OK" key, at this time, it will display "Yo-1". After that, switch it to "Yo-0" by pressing Up key. Lastly, please press "OK" key to store your setting.

**7. Display output capacity function**  
 When LED display shows you current, please press "OK" key for at least 3 second until the display shows x.xxH. At this time, it displays capacity. If you want to back to current display, just press "OK" key.  
 When LED display shows you voltage, please press "OK" key for at least 3 second until the display shows x.xxH. At this time, it displays time. If you want to back to voltage display, just press "OK" key.

**8. Parameters store and recall**  
 1). Parameters Store  
 Keeping pressing "SET" to enter parameter setting interface, press Up or Down Key to adjust to "-F0-", then press "OK" key, it will display "Sn-0", press Up or Down Key to change address and lastly, press "OK" key to store your setting at certain address.  
 2). Parameter Recall  
 Keeping pressing "SET" to enter parameter setting interface, press Up or Down Key to adjust to "-F1-", then press "OK" key, it will display "Lo-0", press Up or Down Key to change address and lastly, press "OK" key to recall your setting stored at certain address.

There are 10 address bits in total, they are 0 to 9. It will default to output the data stored on the address bit 0.

**9. Communication address code setting**  
 This DROK module has 26 address codes available for you to choose and set. The address codes are from a to z and corresponding to the address codes 1-26;  
 Keeping pressing "SET" to enter parameter setting interface, press Up Key to adjust to "-F3-", then press "OK" key, it will display "-00-", press Up or Down Key to change address and lastly, press "OK" key to store.

**10. Lock and unlock the key of adjusting parameter**  
 1). Lock Key Function instruction  
 Up and Down key can't be adjusted when you start Lock Key Function, so you are unable to change voltage and current parameter at this time, which will prevent making output parameter disorder. However, "SET" and "OK" key are available.

2). How to start Lock Key Function  
 Press "SET" key when cut off output; and then when it displays voltage, keeping pressing "OK" till the display shows "-LoC". That means you have locked the key.

3). How to end Lock Key Function  
 Press "SET" key when cut off output; and then when it displays current, keeping pressing "OK" till the display shows "ULoC". That means you have unlocked the key.

## Precautions:

1. This DROK module will be damaged when using over measuring range and connected reversely.  
 2. The working temperature is -10 ~ 50 °C and storage temperature -20 ~ 70 °C, please place this module in a dry environment.  
 3. Please don't try to disassemble this module before consulting seller support.  
 4. When the module is working, please do not move the module violently so as to avoid damage to the internal circuit of the instrument