Product Parameters:

Input Voltage Range: 10V-75V
Adjustable Output Voltage Range: 0-60V
Adjustable Output Current Range: 0-12A
Output Power: 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:

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 "Y0-0". After that, switch it to "Y0-1" 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 "Y0-1". After that, switch it to "Y0-0" 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.xxV. 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.xxV. 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 "L0-0", 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 "-50-0", 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.

Display directions:

<table>
<thead>
<tr>
<th>Number</th>
<th>Note</th>
<th>Number</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cooling fan</td>
<td>5</td>
<td>Digital tube</td>
</tr>
<tr>
<td>2</td>
<td>Input -</td>
<td>6</td>
<td>Working status indicator</td>
</tr>
<tr>
<td>3</td>
<td>Input +</td>
<td>7</td>
<td>Output +</td>
</tr>
<tr>
<td>4</td>
<td>SET ( operation key)</td>
<td>8</td>
<td>Output -</td>
</tr>
</tbody>
</table>

Using Instruction:

1. Wiring Input, output, control input, 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.

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.