

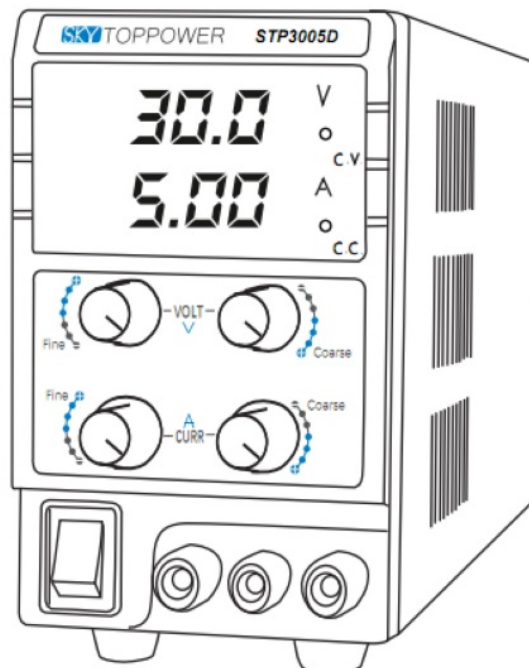


# SKY TOPPOWER STP3005D Variable 30V 5A 3-Digital Switching Regulated Lab Power Supply User Manual

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**Regulated DC Power Supply  
Green Power Series  
User Manual**



**Shenzhen SKY TOPPOWER Technology Co., Ltd**

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## Operation Instruction

### 1. Presetting Current Value

- a. Switch on the power supply, adjust the output voltage to about 3V by turning the coarse or fine knob of voltage. Then turn off the device.
- b. Short the positive "+" and negative "-" terminals by the lead, and then turn on the power supply.
- c. Adjust the current limiting value to your desired value (x Amp) by turning coarse or fine current knob.
- d. Turn off the device, then take out the shorting connection by removing the lead. Please do not turn the current coarse or fine knob here, and the current limiting of the power supply has been preset to x Amp for the whole range of output voltage.

### 2. Presetting Voltage Value

- a. Switch on the power supply, and turn coarsely or fine knob of voltage to set your desired voltage.
  - b. Turn off the device.
- Please do not turn the voltage coarse or fine knob here, and the voltage of the power supply has been preset to x V you need.

#### **Note:**

If display shows(CC), either your preset current limiting value is too low or your load requires more voltage and current. You need to re-preset your current and voltage value according to above operation steps.

### 3. Now please connect to your load positive to positive and negative to negative. About CC&CV

The power supply functions as a constant voltage source CV as long as the load current is less than the preset current limiting value. When the load current is equal to or greater than the preset current limiting value, the power supply will automatically cross over to the constant mode, the voltage will drop, CC will show on the LED display panel and it will operate as a constant current source. When the load current drops below the preset current limiting value, the power supply returns to constant voltage CV mode.

## For Safety Use

You are kindly suggested to follow the tips below carefully when operating this unit

1. The device is intended for indoor use only.
2. Do not open to repair the device or it will void the warranty
3. Do not use the device in a damp environment
4. Keep the device away from heat or water, magnetic field.
5. Keep the device and all loose parts (if any) away from children, pets and unauthorized persons.
6. Don't sharply bend, cut, extend knot, step on or pull the cord but on the plug when disconnecting the power

<b>Model</b>	<b>STP3 005D</b>	<b>STP3 010D</b>	<b>STP6 005D</b>	<b>P52 103</b>	<b>P52 110</b>	<b>P52 107</b>	<b>STP3005DH</b>	<b>STP30 10DH</b>	<b>S7P60 05DH</b>
<b>Input features</b>									
Input Voltage	220VAC 110 % 50Hz								
Restore Conditions	Temperature' -10 – 70°C Relative humidity •i5%								
Working Temperature	0 – 40°C								
<b>Output features</b>									

Output Voltage	0-30V	0-30V	0-60V	0-35V	0.35V	0-35V	0-30V	030V	0-60V
Output Current	0-5A	0-10A	0-5A	0-5A	0-10A	0-5A	0-5A	0-10A	0-5A
Voltage Regulation									
Regulation Rate	50.03%+ 5mV								
Load Regulation rate	0.33%								
Ripple& Noise (peak to peak)	\$5061/	−5802.9	:5800	\$5,064	‘&805V	−6800	‘&5066	\$0,81.	,−580.9
Current Regulation									
Regulation Rate	50.1% +1 mA								
Load Regulation Rats	LS. 02% +5mA								
Ripple and Noise	S.50mAnns								
Display	3-Digit LED					4-Digit LED			
Display Accuracy	10.6%_±1	0.846±1	±0.8%±1	±0.6%±1	±0.8%11	10.8%11	±0.6%31	10.8%±1	10.8%11
Safety features									
Protection	Short circuit,Overload, OverTempearature ,OverVolatage								
Approvals	CE: EMC: EN61326; LVD: EN61010								
Package									
Package Contents	UDC Power Supply ;1 x Power Cord i 1x Use Manual ; lx test line								
Dimension	226’02’138mm								
WeigM	:−5.1.51cg	0.74	−5.1.7kg	‘45.1.51cg	s1.7kg	s1.71%	−5.1 5lcg	11.71oa	51.7lo g

#### Contact Us

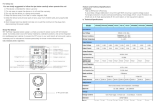
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	<p><a href="#">SKY TOPPOWER STP3005D Variable 30V 5A 3-Digital Switching Regulated Lab Power Supply</a> [pdf] User Manual</p> <p>STP3005D, Variable 30V 5A 3-Digital Switching Regulated Lab Power Supply, STP3005D Variable 30V 5A 3-Digital Switching Regulated Lab Power Supply</p>
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