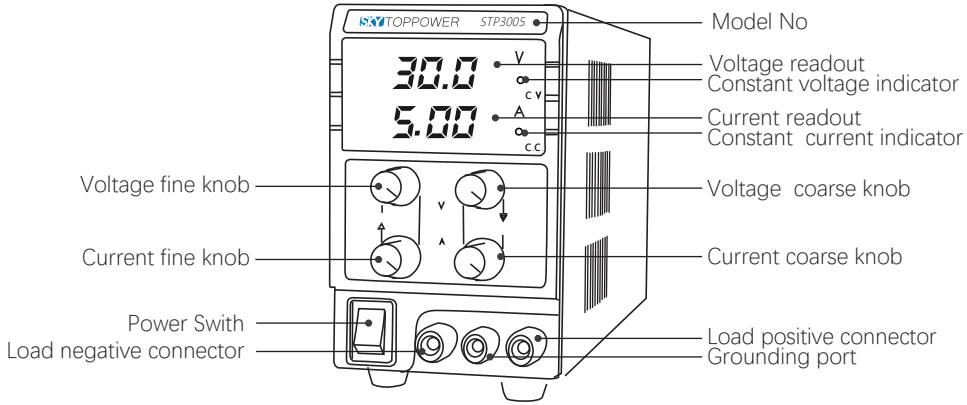
For Safety Use

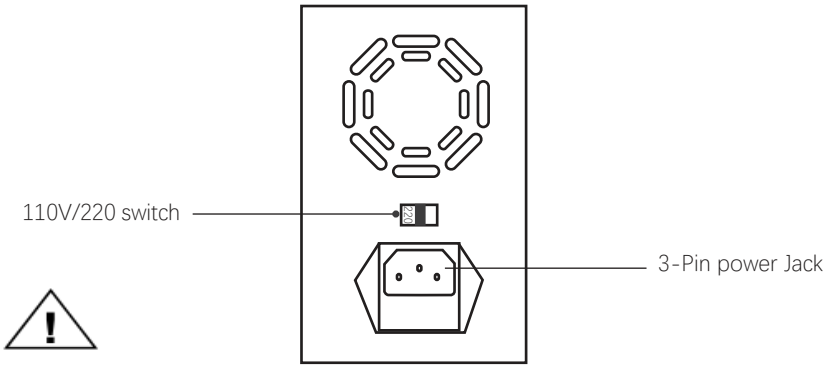
You are kindly suggested to follow the tips below carefully when operate this unit

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 unauthoried persons.
6) Dont sharply bend cut etend knot step on or pull the cord but on the plug when disconnecting the power cables.

Know The Device

SKY TopPower regulated power supply is a simple, accurate DC power source with full indicated power. It provides power source for factory maitenance, calibration positions, and can be integrated into test&equipment cabinet. It powers the DIY circuit in our work bench at home and is also a necessary tool for educational institute particularly for those involve electronics and telecommunications majorities.





Turn the 110V/220V switch at back of power supply to a correct position according to your local voltage standard,before Plugging in the power cord.

Featues and Technical Specifications

a. Features:

High as 80% power efficiencey
A secondary voltage stabilization circuit through MOS ensuring a superb voltage output
Full angle protection include overload,overheating, Overvoltage, Short-circuit Protection etc.
Small size as 3U high appropriately fit for work station or test equipment cabinet.

b. Technical Specifications

Model	STP1503	STP2005	STP3003	STP3005	STP3010	STP6003	STP6005	STP1001	STP1002	STP1003
Input features										
Input Voltage	110VAC/220VAC ±10 %(Switchable) 50Hz/60Hz									
Restore Conditions	Temperature: -10 ~ 70°C Relative Humidity: ⩽85%									
Working Temperature	0 ~ 40°C									
Output features										
Output Voltage	0-15V	0-20V	0-30V	0-30V	0-30V	0-60V	0-60V	0-100V	0-100V	0-100V
Output Current	0-3A	0-5A	0-3A	0-5A	0-10A	0--3A	0-5A	0-1A	0-2A	0-3A
Voltage Regulation										
Regulation Rate	⩽0.03% + 5mV									
Load Regulation rate	⩽0.33%									
Ripple& Noise (peak to peak)	⩽50mV				⩽80mV			⩽120mV		
Current Regulation										
Regulation Rate	⩽0.1% + 1mA									
Load Regulation Rate	⩽ 0.2% +5mA									
Ripple and Noise	⩽50mArms									
Display	3-Digit LED									
Display Accuracy	±0.6% ±1				±0.8% ±1			±1% ±1		
Safety features										
Protection	Short Circuit,Overload, OverTempearature ,OverVolatage									
Approvals	CE: EMC: EN61326 ; LVD: EN61010									
Package										
Package Contents	1xDC Power Supply ;1x Power Cord ; 1x Use Manual ; 1x test line									
Dimension	226*82*138mm									
Weight	⩽1.5kg				⩽1.7kg			⩽1.8kg		

Operation Instruction

Attention:

Turn the 110V/220V switch at back of power supply to a correct position according to your local voltage standard. Plug into 110V or 220V indoor power source.

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

Contact Us

SKY TOPPOWER

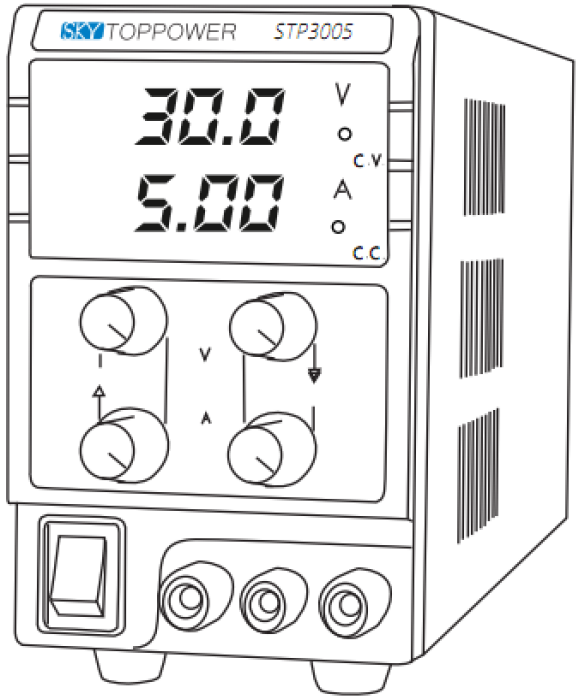
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SKY TOPPOWER

Regulated DC Power Supply

Green Power Series

User Manual



Shenzhen SKY TOPPOWER Technology Co., Ltd