

# DC SWITCHING POWER SUPPLY



## 9631PS

Thank you for purchase of the 9631PS DC switching power supply. In order to use of its utility fully, please read this manual before using and keep the manual well for reference when you have any doubt in using.

### ■ General

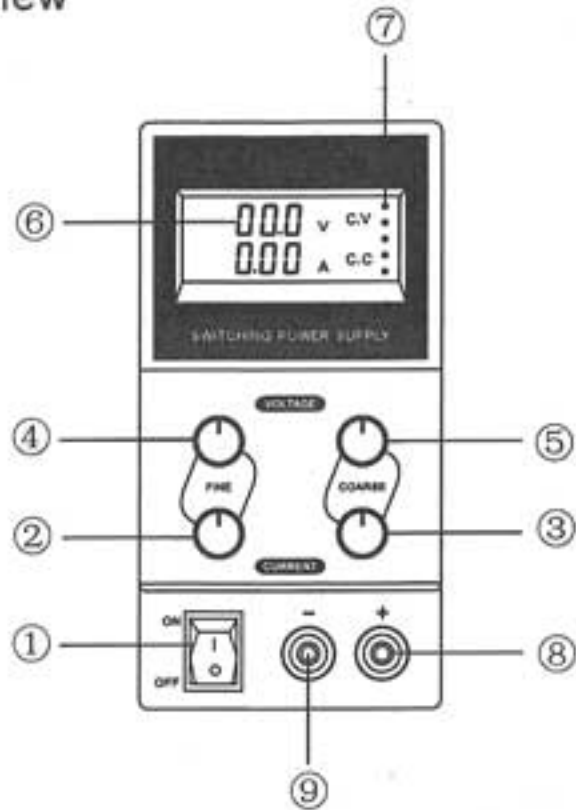
The series are DC Switching power supply with accuracy 3 digital meter . The output voltage can be adjusted from 0 to 30V and the output current is from 0 to 10A.

### ■ Specifications

- 1) Input Voltage: AC 110V 60Hz $\pm$ 2Hz
- 2) Output Voltage: 0~30V (conti. adj.)
- 3) Output current: 0~10A (conti. adj.)
- 4) Supply Regulation: CV $\leq$ 0.2%+10mV
- 5) Load Regulation: CV $\leq$ 0.2%+5mV
- 6) Ripple:  $\leq$ 100mVp-p
- 7) Protection: Current Limit
- 8) Meters Indicator accuracy:  
3digital meters accuracy:  
Voltmeter: LCD+/-1%+2Digits  
Ammeter: LCD+/-1%+2Digits
- 9) Operation Ambient  
Temperature: 0 $^{\circ}$ C~40 $^{\circ}$ C  
Humidity: <RH80%  
Atmosphere Pressure: 86kPa~104kPa
- 10) Operating Time: 8hr. conti.
- 11) Size: 85 $\times$ 160 $\times$ 230mm

## ■ PART NAMES AND FUNCTIONS

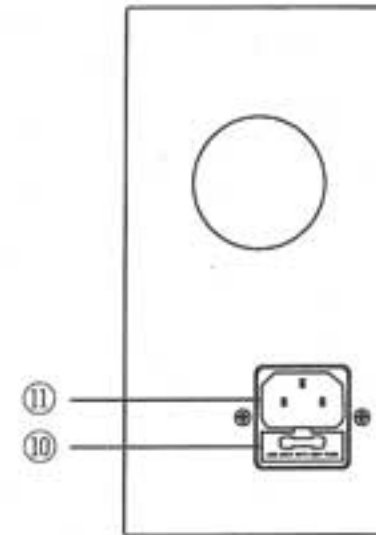
### Front View



- 1) Power switch: Turns the unit on and off
- 2) CC fine tuning knob: Fine tuning current-limiting protect point
- 3) CC coarse tuning knob: coarse tuning Current-limiting protect point
- 4) CV fine tuning knob: Fine tuning output voltage
- 5) CV coarse tuning knob: Coarse tuning output voltage
- 6) 3 Digital Meter: Displays the voltage or current
- 7) Current indication
- 8) Output Positive Terminal
- 9) Output Negative Terminal

## ■ PART NAMES AND FUNCTIONS

### Rear View



- 10) Fuse: 8A
- 11) Input power cable: 110VAC 60Hz

## ■ Notice

- 1) Store this unit in a dry well-ventilated and clean place.
- 2) Cut off input supply when maintenance.
- 3) Be careful to the heat when the power supply is high current outputing, pay attention to ventilation.
- 4) Caution: If this unit have any trouble, the output may rise over max. Rated voltage! Care for load to prevent against damage.
- 5) The ground terminal of power cord must be grounded reliably to ensure using safety.