



# USER'S MANUAL

DC Switching Power Supply

**APS-5310**



[www.tmatlantic.com](http://www.tmatlantic.com)

## General Description:

Thank you for purchase of the APS-5310 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:

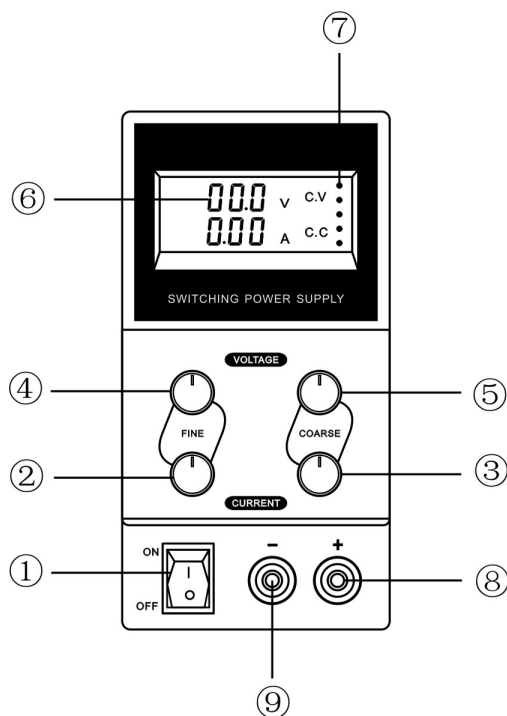
The series are DC switching power supply with accuracy 3 digital meter. The output voltage can be adjusted from 0 to 30V and the output current is from 0 to 10A.

## Specifications:

- 1) Input Voltage: AC 100V-120V 60Hz±2Hz  
AC 220V-240V 50Hz±2Hz
- 2) Output Voltage: 0~30V (conti.adj.)
- 3) Output current: 0~10A (conti.adj)
- 4) Supply Regulation:  $CV \leq 1\% + 10mV$
- 5) Load Regulation:  $CV \leq 1\% + 5mV$
- 6) Ripple: 200mVp-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°C~40°C  
Humidity: <RH80%  
Atmosphere Pressure: 86kPa~104kPa
- 10) Operating Time: 8hr.conti.
- 11) Size: 3.3x6.3x8.1in / 85x160x205mm

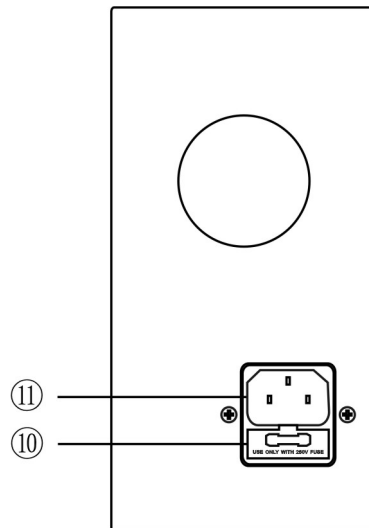
## Part Names and Function:

### 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

## Rear View



10) Fuse: 110V: 5A 220V: 3A

11) Input power cable: 100V-120VAC 60Hz  
220V-240VAC 50Hz