



USER'S MANUAL

DC Switching Power Supply

APS-5305



www.tmatlantic.com

General Description:

Thank you for purchase of the APS-5305 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:

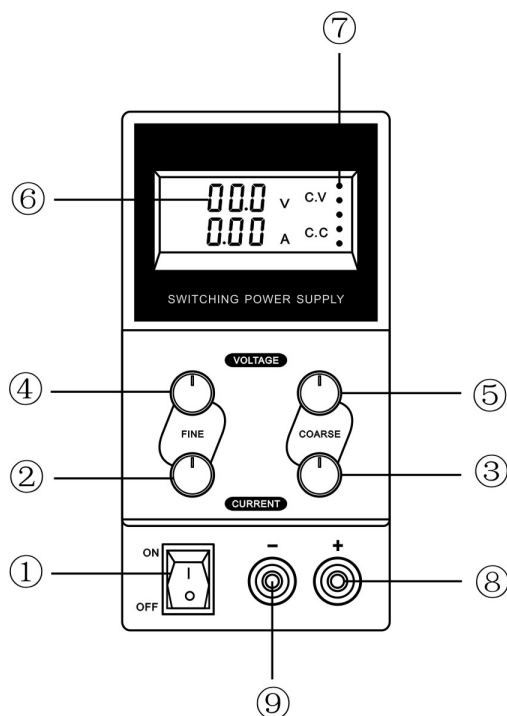
The series are DC switching power supply with accuracy 3 digital meter. The output voltage can be adjusted from 0 to 30V and the output current is from 0 to 5A.

Specifications:

- 1) Input Voltage: AC 100V-120V 60Hz±2Hz
 AC 220V-240V 50Hz±2Hz
- 2) Output Voltage : 0~30V (conti.adj.)
- 3) Output current: 0~5A (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

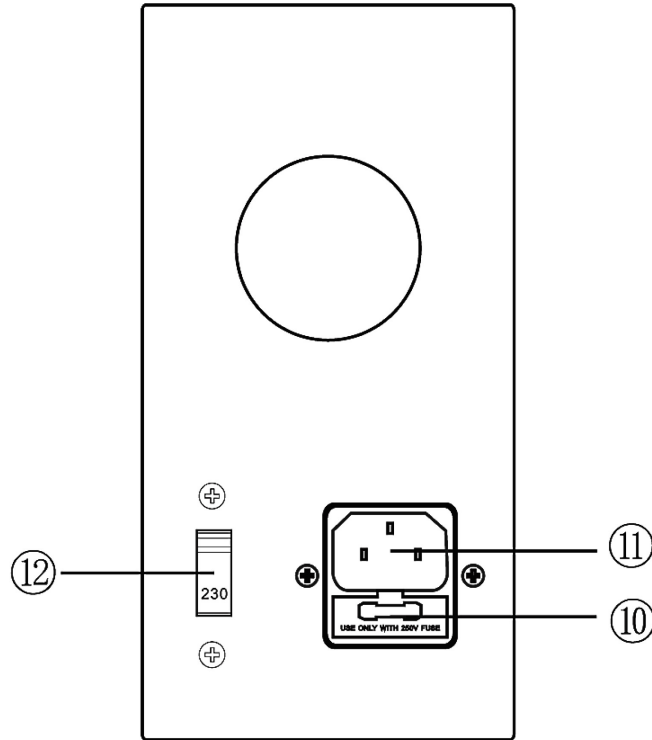
Part Names and Function:

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
- 12) Transfer switch: 110V/220V

■ 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 outputting, 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.