

SAMLEX PSA-305  
Adjustable DC Power Supply

## OPERATING INSTRUCTIONS

<b>WARNING</b>
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Do not block any ventilation openings located on the power supply case or operate in a hot, enclosed environment or compartment. Adequate ventilation should be ensured since continued heat build up will shorten the life of your power supply.

Do not use outdoors or expose the unit to rain or moisture.

Do not use with equipment requiring more than 5 Amps of continuous current.

Do not remove the cover, as hazardous voltages exist inside the unit. The unit should be opened or serviced only by qualified technician.

Always replace burnt fuse with the fuse of specified rating only. Use of higher capacity fuse is hazardous.

## OPERATION

With the unit switched off and disconnected from AC power source, connect your DC device to the RED (POSITIVE) and the BLACK (NEGATIVE) binding posts. **DO NOT LET THE ENDS OF THE POSITIVE AND NEGATIVE WIRES TOUCH EACH OTHER.**

Set the Voltage Control Knob fully counter-clockwise to the minimum voltage position.

Connect the 110 to 120 V AC and switch on the unit. Observe that the indicator light in the switch illuminates. If the indicator light fails to light, re-check the equipment installation, the AC connection, or the unit's fuse.

Slowly increase the output voltage to the required value by turning the Voltage Control Knob clockwise.

Switch on the DC device. Ensure max. continuous output load is 5 A.

**\*NOTE\***

Certain loads may draw high inrush current when switched on. This unit may not operate such loads as it senses the high current as a short circuit and cuts off the output voltage.

## **SPECIFICATIONS**

Input Voltage	110 to 120V , 60HZ
Output Voltage	Regulated, 0 to 30 Volts
Output Current	5 A continuous
Load Regulation	Max. 3%
Line Regulation	Max. 1%
Output Ripple Voltage	Max. 12 mV, Peak to Peak
Fuse	4A, 125/250 V Bussman, Type GMA-4A Littelfuse, Type F /216004
Protection	Short circuit protected

## **LIMITED WARRANTY**

This product is warranted by the manufacturer against defects for 1 yr. from the date of purchase. Copy of the Sales Slip, as proof of purchase date, will be required to process any claim. Warranty does not cover transportation costs. Nor does it cover misuse or accidental damage. Before returning the unit under warranty claim, obtain RETURN AUTHORIZATION NUMBER from the manufacturer and ship the unit, freight pre-paid to the manufacturer at the following address:

Samlex America, Inc.  
17 Fawcett Rd., Unit 110  
Coquitlam, BC V3K 6V2  
Canada

TEL: (604) 525-3836