



SPS-320-A POWER SUPPLY

Thank you for purchasing the switching power supply. The SPS-320-A is designed to supply up to 32 A. maximum current or 28 A. continuous current at 9 – 15 VDC.

FRONT PANEL

REAR PANEL



1. Power switch
2. Amps. indicator level
3. Voltage indicator level
4. Voltage adjust knob.
5. Output cigarette socket (7 A. max)
6. DC positive polar output
7. DC negative polar output

8. DC negative polar output (6 A. max)
9. DC positive polar output (6 A. max)
10. AC input socket
11. AC input voltage switch: 90-120 V or 200-240 V.

INSTALLATION

Before plugging to the SPS-320-A in an AC outlet make sure the proper input voltage is selected on the rear.

OPERATION

DC Adjustment: The adjustment control on the front panel is used to set the DC output voltage from 9V to 15V. For most of HF and VHF/UHF radios output voltage is set at 13.8 V.

FAN

The cooling fan will be operated when the unit is turned on. The speed of the fan varies depending on the setting of DC output.

METER INDICATORS

The current meter (2) indicates the total current being drawn by the devices connected to the power supply. The voltage meter (3) indicates then voltage set for binding post output and the cigarette socket output. Both meters will be lit when the unit is turned ON. Note that the brightness of the meter lights varies depending on setting of the DC adjustment control.

PROTECTION

It will automatically shut off if over 32 A. of current are drawn from its outputs. To reset, turn the unit OFF and wait for 20 seconds and then turn the unit back on. It has an AC input 10 A. fuse at the back inside of the unit. To replace the fuse: remove the old fuse by opening the case and replace with a new one 10 A. fuse.

SPECIFICATIONS

Input voltage (selected by switch):	115 VAC / 230 VAC., 50-60 Hz.
Output voltage:	9 – 15 VDC (adjustable)
Output current:	32 A. max; 28 A. continuous.
Overload protection	Restart