

Thank you for purchasing the switching power supply. The SPS-2040-G is designed to supply up to 45 A. maximum current of 32 A. continuous current at 9 – 15 VDC.

FRONT PANEL

REAR PANEL



- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Power switch</li> <li>2. DC output</li> <li>3. Output lighter cigarette socket (7 A. max)</li> <li>4. Voltage adjust knob</li> <li>5. Voltage indicator level.</li> <li>6. Amps. indicator level.</li> </ol> | <ol style="list-style-type: none"> <li>7. DC outputs (5 A. max)</li> <li>8. AC input socket</li> <li>9. AC input voltage switch: 90-120 V or 200-240 V.</li> </ol> |
|--|--|

## INSTALLATION

Before plugging to the SPS-2040-G in an AC outlet make sure the proper input voltage is selected on the rear. SPS-2040-G is factory set for 220V.

## 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 (6) indicates the total current being drawn by the devices connected to the power supply. The voltage meter (5) 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 45 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 10 A fuse at the back inside of the unit. To replace the fuse: unscrew the fuse cap, remove the old fuse and replace with a new 10 A fuse.

## SPECIFICATIONS

Input voltage (selected by switch):	115 VAC / 230 VAC., 50-60 Hz.
Output voltage:	9 – 15 VDC (adjustable)
Output current:	45 A. max; 32 A. continuous.
Overload protection	Restart
Overcurrent protection	
Automatic shutdown on fault load	
Dimensions	225 x 225 x 118 mm.
Weight	2.8 Kg.