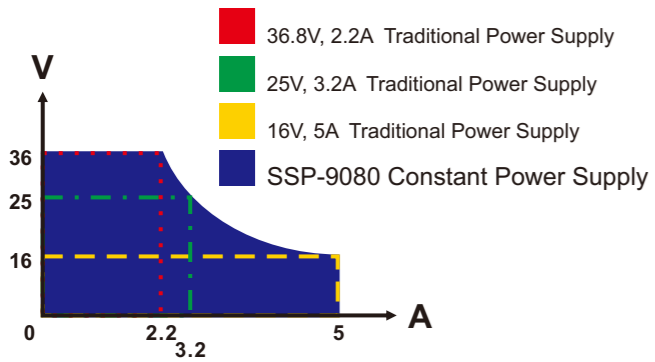


Description

This small 80W auto ranger Laboratory power supply has 0.5V-36V and 0-5A output range. With the Master & Slave function, the output current can be increased to over 60A. When Master unit is the advanced and expensive model SSP-9081, all the advanced features like remote programming, ramp generator and etc will be fully utilized with SSP-9080 as slave units. The settings of functions such as Upper Voltage Limit, Upper Current Limit, Power up output status, 3 presets and etc are intuitive and easy to get used to Fast & fine tuning of voltage and current, using the shifting integer makes setting of voltage and current ever so fast, accurate and easy.

Features

- 80W Auto Ranger Topology with 0.5 - 36V and 0- 5A auto range output.
- 4digit display of voltage and current with 10 mV &10 mA resolution.
- Rotary encoder tuning with digit shift fast & fine tuning.
- Upper voltage and current limits setting to protect test piece.
- Quick setting for the 3 presets of voltage and current.
- Output On/ Off switch and Power Up Output On or Off status setting.
- Panel lock button to lock up all panel control knobs and buttons.
- Remote Voltage Sensing move the terminal voltage to the load end.
- Easy to program and set up of Master & Slave for up to 30 units in parallel.
- Over Temperature, Over Current, Over Voltage and Short Circuit Protection.
- Universal Input 100-264Vac, 50-60Hz.

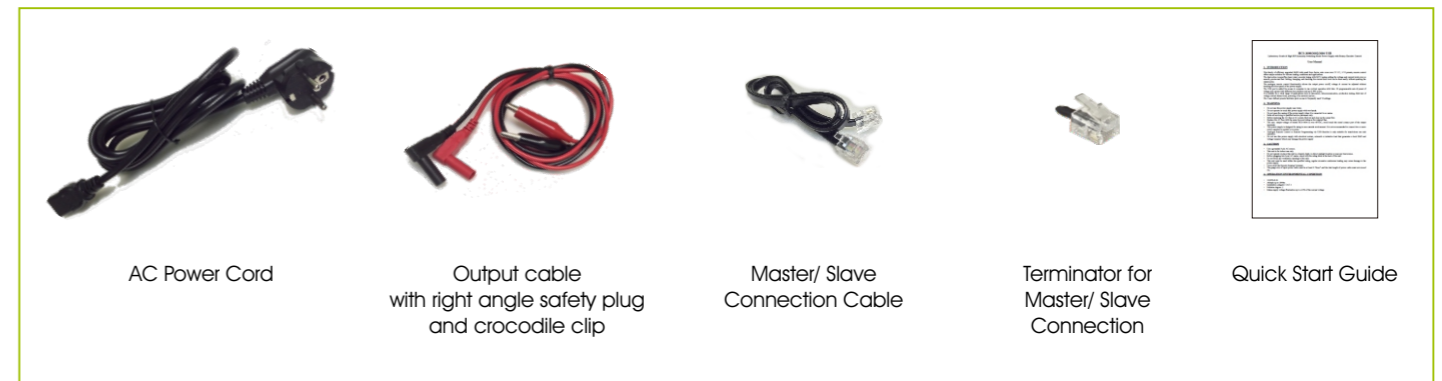


* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.
* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Specifications

Models	SSP-9080
Input Voltage Range	100-240VAC
No Load Input Current (230VAC)	≤0.13A
Full Load Input Current (230VAC)	≤0.5A
AC Input Frequency	50/60Hz~
Efficiency	≥78%
Power Factor	≥0.9
Constant Voltage & Current Range Selection	
0.5-36V / 0-5A	Auto range with maximum output power 80W (VxA ≤80)
Constant Voltage Characteristics	
Adjust Resolution	10mV
Load Regulation (0-100%)	≤30mV
Line Regulation (±10%)	≤4mV
Ripple & Noise (peak-peak)	≤35mV
Constant Current Characteristics	
Adjust Resolution	10mA
Load Regulation (0-100%)	≤10mA
Line Regulation (±10%)	≤10mA
Meter Accuracy	
Volt. Meter Accuracy	±(0.5% +5count)
Curr. Meter Accuracy	±(0.5% +5count)
User Adjustable Upper Current & Voltage Limit	Yes
Number of Preset Recalls Frequent Use V & I Setting	3
Protection	Over Voltage Protection, Current Limiting Protection, Short Circuit, Overload, Over Temperature
Additional Function	Remote Sensing, Master/ Slave Control
Approval	CE EMC: EN 55011 LVD: EN 61010
Cooling Method	Natural Convection
Dimension (WxHxD)	53.5x127x330 mm 2x5x13 inch
Weight	1.9 kgs 4.2 lbs

Accessories



* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.
* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE