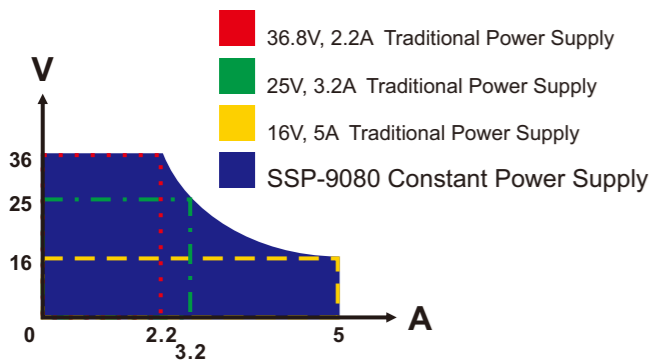


Description

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 10mV & 1mA 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 100-264V~, 50-60Hz.

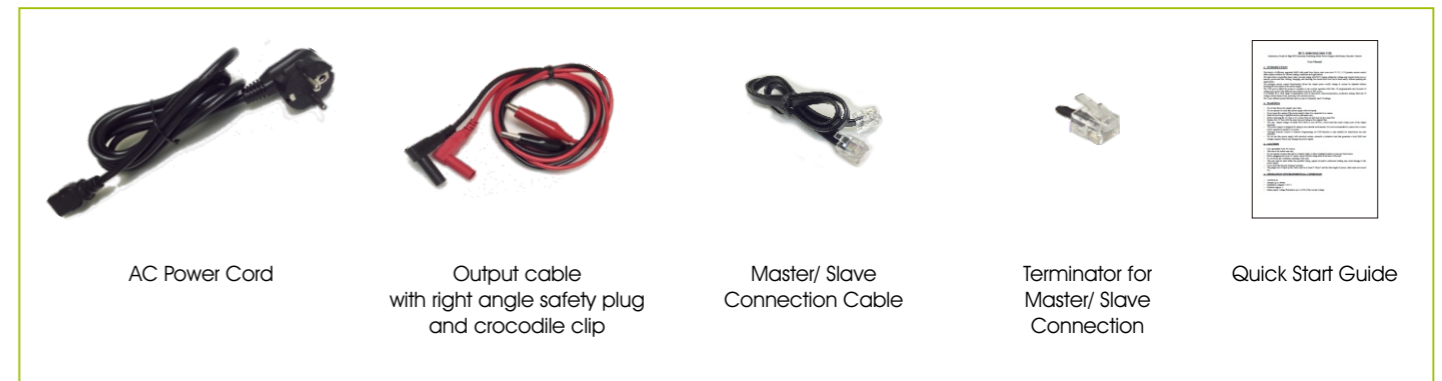


* All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.
* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

Specifications

| Models | SSP-9080 |
|---|---|
| Input Voltage Range | 100-240V~ |
| No Load Input Current (230V~) | ≤0.13A |
| Full Load Input Current (230V~) | ≤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 (start from 0.5V) |
| Load Regulation (0-100%) | ≤30mV |
| Line Regulation (±10%) | ≤4mV |
| Ripple & Noise (peak-peak) | ≤35mV |
| Constant Current Characteristics | |
| Adjust Resolution | 1mA (start from 30mA) |
| 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



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