

## Specifications

Input Voltage Range	100-240V~
No Load Input Current at 230V~	≤150mA
Full Load Input Current at 230V~	≤500mA
AC input Frequency	50-60Hz
Efficiency	≥78%
Power Factor	≥0.9
Constant Voltage and Current Range Selection:	
0.5-36V / 0-5A	Auto range with maximum output power 80W (V x A ≤ 80W)
Constant Voltage Characteristics:	
Adjust Resolution	10mV (start from 0.5V)
Load Regulation (10 – 90%)	≤30mV
Line Regulation (±10%)	≤4mV
Ripple & Noise (peak-peak)	≤35mA
Constant Current Characteristics:	
Adjust Resolution	1mA (start from 30mA)
Load Regulation (10 – 90%)	≤10mA
Line Regulation (±10%)	≤10mA
Voltmeter & Ammeter Accuracy	±(0.5% + 5counts)
User adjustable upper current & voltage limit	Yes
Number of preset recalls of frequent use V&I setting	3
Remote Sensing	Yes
Ramp Step Irregular Waveform functions	
Number of Voltage Level Setting	10
Settable Output Time Period of each Voltage Level	0 to 1200 seconds
Remote Programmable / Control by PC	Output ON/OFF, Voltage & Current Control, Selection of Voltage and Current Preset, Programmable of cyclic output and data logging of output, Upper Voltage & Current Limit control.
Protection	Tracking Over Voltage Protection, Current Limiting Protection, Short Circuit, Overload, Over Temperature, Upper Voltage Limit, Upper Current Limit.
Standard Communication Port	USB 2.0
Optional Interface	Ethernet, Factory or User install
Additional Function	Master/Slave Control
Cooling Method	Natural Convection
Accessories	AC Power cord, CDROM, Output Cable, USB Cable, Master/ Slave connection cable, Terminator for Master/ Slave connection
Dimensions (WxHxD)	53.5x127x330mm 2x5x13 inch
Weight	Approx. 1.9kgs 4.2lbs