

3. SPECIFICATIONS

Input AC voltage range		100-240V AC
No load input current (230V)		$\leq 130\text{mA}$
Full load input current (230V)		$\leq 0.5\text{A}$
Input AC Frequency		47 ~ 63Hz
Efficiency(Output 16V/5A With Optimal Load)		80%
Power Factor		≥ 0.9
Constant Voltage Characteristics		
Load Regulation(0 ~ 100%)		$\leq 20\text{mV}$
Line Regulation ($\pm 10\%$)		$\leq 4\text{mV}$
Ripple & Noise (P-P)		$\leq 30\text{mV}$
Output Voltage Range per Selection	0~16V / 5A Selection I	0 ~ 16.4V
	0~27V / 3A Selection II	0 ~ 27.6V
	0~36V / 2.2A Selection III	0 ~ 36.8V
Constant Current Characteristics		
Load Regulation(0 ~ 100%)		$\leq 10\text{mA}$
Line Regulation($\pm 10\%$)		$\leq 10\text{mA}$
Output Current Range per Selection	0~16V / 5A Selection I	0 ~ 5.1A
	0~27V / 3A Selection II	0 ~ 3.1A
	0~36V / 2.2A Selection III	0 ~ 2.3A
Meter Accuracy		
Voltmeter Accuracy	Output $V \leq 5\text{V}$	$\pm 0.5\% + 5\text{counts}$
	Output $V > 5\text{V}$	$\pm 0.5\% + 3\text{counts}$
Ammeter Accuracy	Output $I \leq 2\text{A}$	$\pm 0.5\% + 5\text{counts}$
	Output $I > 2\text{A}$	$\pm 0.5\% + 3\text{counts}$
Protection		Tracking Over Voltage Protection, Current Limiting Protection (Short Circuit , Overload), Over Temperature Protection
CE Approvals		LVD: EN 61010 EMC: EN 55011, 61000
Size (W * H * D)		53*136*330 mm
Weight		Approx. 2.1 kg
User Adjustable UVL(Up Voltage Limit) , UCL(Up Current Limit)		Yes
Remote Sensing		Yes.
Remote Analog Control Interface		Yes
Number of Quick Preset Recalls of frequent use V& I setting		3
Ramp Function Generators(RFG)		Yes
Wave Form Generation Function		Yes
Standard Communication Port		USB 2.0
Optional interface accessory		Ethernet control board (IPORT-1) factory pre-installed or user installable.
Provided Software		Application Software ,USB Driver , Command Sets , Labview driver for Ethernet Interface