

- ▲ constant voltage design
- ▲ Input 220-240VAC
- ▲ Protections: short circuit/over load/over voltage
- ▲ Class II power unit, No FG
- ▲ IP20 Ingress protection
- ▲ Power Factor ≥ 0.5
- ▲ Efficiency $\geq 74\%$
- ▲ 5 years warranty



SPECIFICATION

Input	Rated input voltage	220-240VAC			
	Range of input voltage	176-264VAC			
	Frequency(Hz)	50/60 Hz			
	Power Factor	PF ≥ 0.5 @220-240VAC			
	Input Current	0.075A MAX. @Full Load, 176VAC			
	Start-up time	<1S			
	Unload Power Consumption	$\leq 0.3W$			
	Inrush Current	10A MAX			
	Leakage Current	<0.5mA(240VAC)			
Output	Rated Voltage	9VDC	12VDC	15VDC	24V DC
	Current range	0.67A Max.	0.5A Max.	0.4A Max.	0.25A Max.
	Rated load	0-6W			
	Voltage Accuracy	$\pm 4\%$ @220-240VAC			
	Voltage Regulation	$\pm 3\%$			
	Load Regulation	$\pm 2\%$			
	Hold-up Time	1s max. @Full Load			
	Ripple & Noise Note.2	<380mVp-p	<480mVp-p	<380mVp-p	<380mVp-p
	Efficiency	$\geq 74\%$	$\geq 78\%$	$\geq 78\%$	$\geq 78\%$
Protection	Over Load Protection	105-150% Protection type: Auto Resume			
	Over Voltage Protection	>9.45VDC	>12.6VDC	>15.75VDC	>25.2VDC
	Short circuit Protection	Protection type: Auto Resume			
Environment	Operating Temperature	-10°C...+45°C			
	tc	80°C			
	Storage Temperature	-20°C...+60°C			
	Temperature coefficient	$\pm 0.03\%/^{\circ}C$ (0-50°C)			
	Humidity	20%-95%RH			
	Life time	>30,000h @45°C			
Safety & EMC	Safety standards	EN 61347-1; EN61347-2-13			
	Withstand voltage	Input-Output: 3750V/5mA/1min			
	Isolation resistance	Input-Output: $\geq 4M\Omega$ @500VDC			
	EMI	EN55015; EN61000-3-2 Class C; EN61000-3-3			
	EMS	EN 61547; EN 61000-4-2 —Performance Criteria B; EN 61000-4-5 —500V; Performance Criteria C			
Others	Dimension (LXWXH)	50X40.8X21.5(LXWXH)mm			
Note	1. All parameters NOT specially mentioned are measured at 240VAC input, max rated load and 25°C of ambient temperature 2. Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.				

MECHANICAL SPECIFICATIONS

