

- ▲constant voltage design
- ▲Input 220-240VAC
- ▲Protections: short circuit/over load/over voltage/ over temperature
- ▲Class II power unit, No FG
- ▲IP20 Ingress protection
- ▲Flicker-free
- ▲Power Factor PF \geq 0.9
- ▲Efficiency \geq 87%
- ▲3 years warranty



SPECIFICATION

Input	Rated input voltage	220-240VAC	
	Range of input voltage	176-264VAC	
	Frequency(Hz)	50/60 Hz	
	Power Factor	\geq 0.9 @220-240VAC	
	Input Current	0.46A MAX	
	Start-up time	<0.5S	
	Unload Power Consumption	\leq 0.5W	
	Inrush Current	20A MAX	
	Leakage Current	<0.5mA(240VAC)	
Output	Rated Voltage	12V DC	24V DC
	Current range	5A Max.	2.5A Max.
	Rated load	0-60W	0-60W
	Voltage Accuracy	\pm 5% @220-240VAC	
	Voltage Regulation	\pm 2%	
	Load Regulation	\leq 4%	
	Hold-up Time	1s max. @Full Load	
	Ripple & Noise Note.2	<240mVp-p	<480mVp-p
	Efficiency	\geq 87%	
Protection	Over Load Protection	110-130% Protection type: Auto Resume	
	Over Voltage Protection	>12.6VDC	>25.2VDC Protection type: Auto Resume
	Short circuit Protection	Protection type: Auto Resume	
	Over temperature Protection	Protection type: Restart Auto Resume	
Environment	Operating Temperature	-10 $^{\circ}$ C...+45 $^{\circ}$ C	
	tc	90 $^{\circ}$ C	
	Storage Temperature	-20 $^{\circ}$ C...+60 $^{\circ}$ C	
	Temperature coefficient	\pm 0.03%/ $^{\circ}$ C(0-50 $^{\circ}$ C)	
	Humidity	20%-95%RH	
Life time	>50,000h @45 $^{\circ}$ C		
Safety & EMC	Safety standards	EN 61347-1; EN61347-2-13	
	Withstand voltage	Input-Output: 3750V/5mA/1min	
	Isolation resistance	Input-Output: \geq 4M Ω @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 —1000V; Performance Criteria C		
Others	Dimension (LXWXH)	305X30X17mm ((LXWXH)	
Note	1. All parameters NOT specially mentioned are measured at 240VAC input, max rated load and 25 $^{\circ}$ 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

