

- ▲constant voltage design
- ▲Input 100-240VAC
- ▲Protections: short circuit/over load/over voltage/ over temperature
- ▲Green LED indicator for power on
- ▲Free Air Convection
- ▲100% full load burn-in test
- ▲Efficiency≥87%
- ▲3 years warranty



SPECIFICATION

Input	Rated input voltage	100-120VAC& 200-240VAC 245-340VDC(switch on 230VAC)	
	Range of input voltage	88-132VAC& 176-264VAC 220-374VDC	
	Frequency(Hz)	47-63 Hz	
	Power Factor	≥0.5 @220-240VAC	
	Input Current	3A/115VAC 1.7A/230VAC	
	Setup, raise time	500ms, 30ms/230VAC 500ms,30ms/115VAC at full load	
	Unload Power Consumption	≤0.5W	
	Inrush Current	COLD START≤60A MAX. @full load AC 230V (after 1mS)	
	Leakage Current	<0.75mA(240VAC)	
Output	Rated Voltage	12V DC	24V DC
	Voltage ADJ. Range	10.2-13.8V	21.6-28.8V
	Current range	12.5A max.	6.5A Max.
	Rated load	150W Max.	156W Max.
	Voltage Accuracy	±1% @100-120VAC&200-240VAC	
	Voltage Regulation	±0.5% at full load	
	Load Regulation	±0.5%	
	Hold-up Time	≥40ms/230VAC , ≥35ms/115VAC at full load	
	Ripple & Noise Note.2	<150mVp-p	<200mVp-p
Protection	Over Load Protection	110-150% rated output power Protection type: Auto Resume	
	Over Voltage Protection	13.8 ~ 16.2V	28.8 ~ 33.6V Protection type : Latch
	Short circuit Protection	Protection type: Auto Resume	
	Over temperature Protection	Protection type : Latch	
	Operating Temperature	-30°C ...+70°C(Refer to "Derating Curve")	
Environment	Cooling condition	free convection	
	Storage Temperature	-40 ~ +85°C, 10 ~ 95% RH	
	Temperature coefficient	±0.03%/°C(0-50°C)	
	MTBF	600K hrs min, MIL-HDBK-217F (25°C)	
	Vibration	10-500Hz,5G 10min./1cycle,60min.each along X,Y,Z axes	
	Safety standards	UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1/-2-16,CCC GB4943 approved	
Safety & EMC	EMI	EN55022 (CIPSR22) class B, GB9254 Class B, EN55014, EN61000-3-2 Class A (≤80% Load); EN61000-3-3	
	EMS	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy industry level, criteria A	
Others	Dimension (LXWXH)	159X97X30mm ((LXWXH)	
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.		

