



◆Feature

- . Small size, High efficiency, High reliability, Long lifetime;
- . Ip66 rating;
- . Working temperature -25°C~+50°C;
- . Protection: Overload, Short-circuit protection;
- . Typical efficiency:84%;
- . Low standby power, min to 0.5W;
- . Start delay design ,which can reduce the starting current when multiple simultance start;
- . CE\UL\IP66 certifide, ROHS compliant;
- . Low output ripple noises.

Functional parameter

Model Number		JL-1220A(AL)			
Out put	DC Voltage	12V			
	Output range of constant current	/			
	Rated current	1.67A			
	Range of the current	0~1.67A			
	Rated power	20W			
	Ripples and Noise(max.)	120mVp-p			
	Voltage tolerance	±4%			
	Line regulation	±0.5%			
	Load regulation	±1%			
	The group of output	1			
Set up and rise time	2000ms. 50ms (When fully loaded) 110Vac/230Vac				
Holding time (Typ.)	15ms (When fully loaded) 110Vac/230Vac				
In put	Range of Voltage	90~264Vac or 127~374Vdc			
	Range of frequency	47~63Hz			
	Power factor	PF≥0.5/110Vac or 230Vac(When fully loaded)			
	Efficiency Typ.)	84%			
	AC current	0.5A/110Vac 0.2A/230Vac			
	Inrush current Typ.)	Cold start:55A/230Vac			
	Leakage current	Between output and earth:0.25mA/240Vac; Between Case and earth:0.75mA/240Vac			
Protection	THD	/			
	Overloading	100% to 135% of the rated output power Protection mode: Restrict the current,self-recovery when exceptional loading be removed.			
	Short circuit	Protection type: Hiccup mode,self-recovery when exceptional loading be removed.			
	Overvoltage	13~18V Protection type: Power off the output voltage and re-start			
	Over temperature	100°C ±10°C (RTH2) Protection mode: Power off the output voltage and re-start			
Environment	Working temperature	-25°C~+50°C			
	Working humidity	20%~90%RH, No Condensation			
	Storage temperature and humidity	-25°C~+75°C, 25%~85%RH			
		±0.05%/°C (0~40°C)			
Safety and regulatory and EMC	Vibration-proof	10-300Hz, 1G 10minutes/cycle, X, Y, Z axis each 60minutes			
	Safety and regulatory	Conform EN61347 1, EN61347 2 13,UL8750, UL60950, accord with Ip66 rating.			
	HI-POT	I/P-O/P:3.75KVAC I/P-FG:1.875KVAC O/P-FG:0.5KVAC			
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C/70%RH			
	EMI	/			
	Harmonic current	/			
Others	EMS	/			
	MTBF	≥40Khrs, MIL-HDBK-217F (25°C)			
	Dimension	162X25.5X26.5(L*W*H)			
	Package	0.2Kg/PCS; 50PCS/10Kg/box; (335X223X234mm)			
Structure (mm)	Wire	In put: VDE H03VV-F 3G0.75mm ² black, length1×200mm, Out put: VDE H03VV-F 2*0.75mm ² white, length 200mm			

Desi gned by		Stand ar di za ti on		A spec	Version: 1.0
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