

ALXPOWERSYS DATASHEET



SPECIFICATIONS:

OPTIONS	SPECT	PS30-500	PS30-700	PS30-1050
INPUT	Rated Input Voltage	220-240 VAC		
	Range of Input Voltage	110-310 VAC		
	Frequency (Hz)	50/60 Hz		
	Power Factor	>0,95@220-240 VAC		
	Input Current Max	0,145A max. @Full load 230VAC		
	Start-up Time	< 0,2 S.		
	No Load Power Consumption	< 0,5W		
	Inrush Current (Peak Current / Duration)	4,0A / 100ns		
	Input Current THD	< 4.5% Typ.		
	Leakage Current	< 0,5mA (230 VAC)		
OUTPUT	Constant Current (at 25°C Ambient Temp)	500mA	700mA	1050mA
	No Load Max Output Voltage	63VDC	46VDC	31.5VDC
	Output Voltage Range	33-61VDC	22-44VDC	16-29.5VDC
	Rated Load	30W max.		
	Current Accuracy	±5%		
	Voltage Regulation	< 3% @ Full load		
	Load Regulation	< 3 %		
	Hold-up Time	5ms. Man @Full load		
	Output Voltage Ripple	< 10% Vpp/Vmax		
	Efficiency	> 89%		
PROTECTION	Over Load Protection	105-120%		
	Over Voltage Protection	63.5 VDC	46.5VDC	32VDC
	Short Circuit Protection	Protection type: Auto Resume		
ENVIRONMENT	Operating Ambient Temperature	- 20°C +50°C		
	Device Temperature Rise	45°C		
	Storage Temperature	- 40°C +70°C		
	Humidity	10%-90% RH		
	Life time	<64,000 H @45°C		
OTHERS	Dimensions	88x52x25 (LxWxH) mm.		
SAFETY&EMC	Safety Standards	EN61347-1 ; EN61347-2-13		
	Withstand Voltage	Input-Output: 2750V-5mA-1 min.		
	Isolation Resistance	Input-Output: >4MΩ@500VDC		
	EMI	EN55015 ; EN61000-3-2 Class C ; EN61000-3-3		
	EMS	EN61547 ; EN61000-4-2		
WARRANTY		2 Years		

