

ALXPOWERSYS DATASHEET



SPECIFICATIONS:

OPTIONS	SPECT	PS4,2-350	PS6-500	PS3,5-700
INPUT	Rated input voltage	220-240 VAC		
	Range of input voltage	100-280 VAC		
	Frequency(Hz)	50/60 Hz		
	Power Factor	>0,97@220-240 VAC		
	Input Current max.	0,30A max. @Full load 230VAC		
	Start-up time	< 0,2 S.		
	Unload Power Consumption	< 0,5		
	Inrush Current(peak current /durattion)	1,12A		
	Input Current THD	12% Typ. @230VAC ,Full load		
Leakage Current	< 0,5mA (230 VAC)			
OUTPUT	Constant Current (@25° Ambient Temp)	350mA	500mA	700mA
	Noload Max Output Voltage	12,5 VDC	12,5VDC	5,5 VDC
	Output Voltage range	2-12VDC	2-12 VDC	2-5VDC
	Rated load	6W max.		
	Current Accuracy	±5%		
	Voltage Regulation	< 3% @ Full load		
	Load Regulation	<3 %		
	Hold-up Time	0,5 S. Man @Full load		
	Output Voltage Ripple	2 Vp-p	2,2 Vp-p	1,8 Vp-p
	Efficiency	78,00%	79,60%	78,00%
PROTECTION	Over load protection	105-120%		
	Over voltage protection	13,5 VDC	13,5 VDC	7,5 VDC
	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	<50,000 H @45°C		
OTHERS	Dimensions	40x20x21 (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		

