

SMPS WATERPROOF 5V 6A

Specifications:

LPV-30-12 LED Waterproof SMPS
 CE, ISO9001
 OEM, ODM
 Professional manufacturer
 High quality

Features:
Protections: Short circuit/Overload
Damp/wet location outdoor application.
100% full-load burn-in test
1 year warranty



model		LPV-30-5
output	DC voltage	5V
	max rated current	6A
	current range	0 ~6A
	max rated power watts	30W
	ripple & noise (max.) Note.2	100mVp-p
	setup, rise, hold-on time	800ms, 20ms ,24ms/230VAC
input	input voltage range	90 ~ 132VAC or 180 ~ 264VAC 254 ~ 370VDC
	input frequency range	47 ~ 63Hz
	frequency (Typ.)	78%
	input current	0.42A/230VAC
	inrush current(max.)	30A/230VAC
	leakage current	<0.5mA / 240VAC
protections	over load	105 ~ 150% of rated output power watts
		protection type :hiccup mode,recovers automatically after fault condition is removed
ENVIRONMENT	working temp.	-10 ~ +60 °C(Refer to output load derating curve)
	working humidity	20 ~ 90% RH non-condensing
	storage temp,humidity	-20 ~ +85°C , 10 ~ 95% RH
	temp.coefficient	±0.03%/ °C(0 ~ 50°C)

	vibration	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
safety & EMC	safety standards	Design refer to UL 1012
	withstand voltage	I/P-O/P:2KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC
	EMI CONDUCTION & RADIATION	Design refer to EN55022 Conduction Class A
others	protection level	IP67
	MTBF	200K hrs min. MIL-HDBK-217F (25°C)
	dimension	222*30*20mm (L*W*H)
	packing	0.25KG/80PCS/21KGS
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature	
	2. Ripple&noise are measured at 20MHz of bandwidth by using 12" twisted pair-wire terminated with a 0.1uf&47uf parallel capacitor	
	3. Tolerance: includes set up tolerance, line regulation and load regulation	
	4. This power supply as a device installed to a final device, the final device must be reaffirm its EMC indicator.	

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