

POWERSYS 60 DATASHEET

MODEL	LPS60-12	LPS60-24	
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	5A	2.5A
	CURRENT RANGE	0-5A	0-2.5A
	RATED POWER	60W	60W
	RIPPLE and NOISE	150mV	
	VOLTAGE TOLERANCE	±3.0%	±3.0%
	LINE REGULATION	±1.0%	±1.0%
	LOAD REGULATION	±0.5%	±0.5%
	HOLD UP TIME	50ms/230VAC 20ms/115VAC @FULL LOAD	
INPUT	VOLTAGE RANGE	90-264VAC	127-370VDC
	FREQUENCY RANGE	47-63Hz	
	EFFICIENCY (Typ.)	<85%	<88%
	AC CURRENT (Typ.)	1.1A/115VAC 0.7A/230VAC	
	INRUSH CURRENT(Typ.)	COLD START 55A(twidth=510µs measured at 50% Ipeak) at 230VAC	
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	4 units (circuit breaker of type B) / 7 units (circuit breaker of type C) at 230VAC	
	LEAKAGE CURRENT	0.25mA / 240VAC	
PROTECTION	OVERLOAD	110 ~ 130% rated output power	
	OVER VOLTAGE	13.8 ~ 16.2V	27.6 ~ 32.4V
		recovers automatically after fault condition is removed	
	OVER TEMP.	+80°C	
		recovers automatically after fault condition is removed	
SHORT CIRCUITS	PROTECTED		
	recovers automatically after fault condition is removed		
ENVIRONEMENT	WORKING TEMP.	-30 ~ +65°C (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
SAFETY & EMC	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH	
	EMC EMISSION	EN55032 Class B,EN61000-3-2 Class A,EN61000-3-3	
	EMC IMMUNITY	EN61000-4-2,3,4,5,6,8,11	
OTHERS	DIMENSION	160*36*31 (L*W*H)	
	PACKING	0,280Kg: 50pcs / 14KG 370*230*180 mm. (L*W*H) 0,01532 m ³	

POWERALX SYS

- Constant voltage design
- Universal AC input
- IP67
- 2 years warranty
- Under&Over Voltage protections
- Short circuit / Overload
- Full isolated plastic case Class II
- 100% full load burn-in test

