

## asys PSC 60 DATASHEET

MODEL		PSC60-1050	PSC60-1400	PSC60-1750
OUTPUT	DC VOLTAGE	19-50V	20-44V	13-34V
	RATED CURRENT	1050A	1400A.	1750A.
	RATED POWER	60W	60W	60W
	POWER FACTOR	>95 (max. Power)		
	THD (at 230 V, 50 Hz, full load	< 10 %		
	RIPPLE and NOISE	max.10%		
	VOLTAGE TOLERANCE	±5.0%		
	LINE REGULATION	±1.0%		
	LOAD REGULATION	±2%		
	HOLD UP TIME	50ms/230VAC		
INPUT	VOLTAGE RANGE	180-264VAC		
	FREQUENCY RANGE	47-63Hz		
	EFFICIENCY (Typ.)	>91%		
	AC CURRENT (Typ.)	1.1A/115VAC 0.7A/230VAC		
	INRUSH CURRENT(Typ.)	COLD START 10A(twidth=80µs measured at 50% Ipeak) at 230VAC		
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	8 units (circuit breaker of type B) / 12 units (circuit breaker of type C) at 230VAC		
	LEAKAGE CURRENT	0.25mA / 240VAC		
PROTECTION	OVERLOAD	110 ~ 130% rated output power		
	OVER VOLTAGE	18 ~ 51V	19 ~ 50V	12 ~ 36V
		Recovers automatically after fault condition is removed		
	OVER TEMP.	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 <sup>3</sup>		

asys

- Constant current design
- Universal AC input / Full range
- High PF
- Fully encapsulated IP67
- 3 years warranty
- Under&Over Voltage protections
- Short circuit / Overload
- Full isolated plastic case Class II
- 100% full load burn-in test

