



Features :

- ✓ Universal AC input/Full range
- ✓ Protection: Short circuit/Overload/Over voltage
- ✓ Cooling by free air convection
- ✓ Can be installed on DIN rail TS-35/7.5 or 15
- ✓ UL 508 (industrial control equipment) approved
- ✓ Isolation class
- ✓ LED indicator for power on
- ✓ 100% full load burn-in test
- ✓ 3 year warranty
- ✓ Available in 5V, 12V, 15V and 24V DC Outputs

Model	PS-60-05	PS-60-12	PS-60-15	PS-60-24	
Output	DC Voltage	5V	12V	15V	24V
	Rated Current	6.5A	4.5A	4A	2.5A
	Current Range	0 – 6.5A	0 – 4.5A	0 – 4A	0 – 2.5A
	Rated Power	32.5W	54W	60W	60W
	Ripple & Noise (max) *Note 2	80mVp-p	120mVp-p	120mVp-p	150mVp-p
	Voltage Adj. Range	4.75 – 5.5V	10.8 – 13.2V	13.5 – 16.5V	21.6 – 26.4V
	Voltage Tolerance *Note 3	± 2.0%	± 1.0%	± 1.0%	± 1.0%
	Line regulation	± 1.0%	± 1.0%	± 1.0%	± 1.0%
	Load Regulation	± 1.0%	± 1.0%	± 1.0%	± 1.0%
	Setup, Rise Time	100ms, 30ms/230VAC at full load			
Hold Time (typ.)	100ms/230VAC at full load				
Input	Voltage Range	85 – 264VAC	120 – 370VAC		
	Frequency Range	47 – 63Hz			
	Efficiency (typ.)	76%	82%	83%	84%
	AC Current (typ.)	1.2A/115VAC	0.8A/230VAC		
Protection	Inrush Current (typ.)	Cold Start 18A/115VAC 36A/230VAC			
	Over Load	105 – 160% rated output power			
	Over Voltage	Protection Type : Constant current limiting, recovers automatically after fault condition is removed			
Environ - ment	Over Voltage	5.75 – 6.75V	13.8 – 16.2V	17.25 – 20.25V	27.6 – 32.4V
	Working Temp	Protection type : Shut down output voltage, power cycle unit to recover			
	Working Humidity	-20 to +60 Deg C (Output de-rates as temperature increases beyond limits)			
	Storage Temp / Humidity	20 to 90% RH non-condensing			
	Temp. Coefficient	-40 to +85 Deg C, 10 – 95% RH			
Safety & EMC *Note 4	Vibration	±0.03% / Deg C (0 – 50 deg C)			
	Safety Standards	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
	Withstand Voltage	UL60950-1, TUV EN60950-1 Approved, Design refer to EN50178			
	Isolation Resistance	I/P-O/P:3KVAC			
	EMI Conduction & Radiation	I/P-O/P:100M Ohms/500VDC			
	Harmonic Current	Compliance to EN55011,EN55022 (CISPR22) Class B			
Others	EMS Immunity	Compliance to EN61000-3-2,-3			
	MTBF	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, ENV50204, EN55024, EN61000-6-1,EN61204-3 Light industry level, criteria A			
	Dimensions	216.2K hrs min. MIL-HDBK-217F (25)			
Notes	Packing	78*93*56mm (W*H*D)			
		0.3Kg; 48pcs/15.4Kg/1.02CUFT			
	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 Deg C ambient temperature 2. Ripple & noise are measured at 20MHz of bandwidth using a 12" twisted pair-wire terminated with 0.1uf & 47uf parallel capacitors 3. Tolerance: includes set up tolerance, line regulation and load regulation 4. The power supply is considered a component which will be installed into end equipment. The end equipment must still meet EMC directives				