



Product explains:

MODEL		12	24
OUTPUT	DC VOLTAGE	12V	24V
	RATED CURRENT	12.5A	6.5A
	CURRENT RANGE	0 ~ 12.5A	0 ~ 6.5A
	RATED POWER	150W	156W
	RIPPLE & NOISE (max.) Note.2	180mVp-p	240mVp-p
	VOLTAGE ADJ. RANGE	10.6 ~ 13.2V	21 ~ 28V
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%
	LINE REGULATION	±0.3%	±0.2%
	LOAD REGULATION	±0.3%	±0.2%
	SETUP, RISE, HOLD TIME	100ms, 50ms at full load	
	HOLD TIME(Typ.)	28ms at full load	
	INPUT	VOLTAGE RANGE	88 ~ 132VAC/176 ~ 264VAC selected by switch 248 ~ 370VDC
FREQUENCY RANGE		47 ~ 63Hz	
EFFICIENCY (Typ.)		82%	85%
AC CURRENT		3.2A/115VAC 1.6A/230VAC	
INRUSH CURRENT (max.)		COLD START 35A	
LEAKAGE CURRENT		<3.5mA / 240VAC	
PROTECTION	OVERLOAD	105 ~ 150% rated output power Protection type : Shut down o/p voltage, re-power on to recover.	
	OVER VOLTAGE	13.8 ~ 16.2V	30 ~ 34.8V Protection type : Shut down o/p voltage, re-power on to recover.
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, 60min. each along X, Y, Z axes
SAFETY & EMC(Note.4)	SAFETY STANDARDS	Design refer to UL1012, UL60950-1, TUV EN60950-1
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC 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	Compliance to EN55022 (CISPR22) Class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, Light industry level, criteria A
OTHERS	MTBF	286.7K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	199*110*50mm (L*W*H)
	PACKING	0.82Kg; 16pcs/13.2Kg/0.5CUFT
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p> <p>4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p>	