

MODEL		S-100-12	
OUTPUT	DC VOLTAGE	12V	
	RATED CURRENT	8.5A	
	CURRENT RANGE	0 ~ 8.5A	
	RATED POWER	102W	
	RIPPLE & NOISE (max.) Note.2	100mVp-p	
	VOLTAGE ADJ. RANGE	10.8 ~ 13.2V	
	VOLTAGE TOLERANCE Note.3	±1.0%	
	LINE REGULATION	±0.3%	
	LOAD REGULATION	±0.3%	
	SETUP, RISE, HOLD TIME	200ms, 80ms, 20ms at full load	
INPUT	VOLTAGE RANGE	85 ~ 132VAC/180 ~ 264VAC selected by switch	255 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY (Typ.)	81%	
	AC CURRENT	2.4A/115VAC	1.2A/230VAC
	INRUSH CURRENT (max.)	COLD START 30A/115VAC 60A/230VAC	
	LEAKAGE CURRENT	<1mA / 240VAC	
PROTECTION	OVERLOAD	105 ~ 150% rated output power (150 ~ 200% rated output power for S-100-7.5 only) 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	SAFETY STANDARDS	Design refer to UL1012	
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC 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 FCC Part15 J Conduction Class B	
OTHERS	MTBF	322.4K hrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	199*98*38mm (L*W*H)	
	PACKING	0.62Kg; 30pcs/18.7Kg/0.57CUFT	
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>		

