

<b>MODEL</b>		<b>S-150-12</b>								
<b>OUTPUT</b>	DC VOLTAGE	12V								
	RATED CURRENT	12.5A								
	CURRENT RANGE	0 ~ 12.5A								
	RATED POWER	150W								
	RIPPLE & NOISE (max.) Note.2	180mVp-p								
	VOLTAGE ADJ. RANGE	10.6 ~ 13.2V								
	VOLTAGE TOLERANCE Note.3	±1.0%								
	LINE REGULATION	±0.3%								
	LOAD REGULATION	±0.3%								
	SETUP, RISE, HOLD TIME	100ms, 50ms at full load								
HOLD TIME(Typ.)	28ms at full load									
<b>INPUT</b>	VOLTAGE RANGE	88 ~ 132VAC/176 ~ 264VAC selected by switch			248 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 63Hz								
	EFFICIENCY (Typ.)	82%								
	AC CURRENT	3.2A/115VAC		1.6A/230VAC						
	INRUSH CURRENT (max.)	COLD START 35A								
	LEAKAGE CURRENT	<3.5mA / 240VAC								
<b>PROTECTION</b>	OVERLOAD	105 ~ 150% rated output power Protection type : Shut down o/p voltage, re-power on to recover.								
	OVER VOLTAGE	5.75 ~ 6.75V	8.63 ~ 10.13V	10.35 ~ 12.2V	13.8 ~ 16.2V	15.53 ~ 18.2V	17.25 ~ 20.3V	30 ~ 34.8V	31.1 ~ 36.45V	55.2 ~ 64.8V
<b>ENVIRONMENT</b>	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								
<b>SAFETY &amp; EMC(Note.4)</b>	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								
<b>OTHERS</b>	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								
<b>NOTE</b>	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 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>									

