



<b>MODEL</b>		<b>S-25-12</b>
<b>OUTPUT</b>	DC VOLTAGE	12V
	RATED CURRENT	2.1A
	CURRENT RANGE	0 ~ 2.1A
	RATED POWER	25.2W
	RIPPLE & NOISE (max.) Note.2	100mVp-p
	VOLTAGE ADJ. RANGE	10.8 ~ 13.2V
	VOLTAGE TOLERANCE Note.3	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±0.5%
	SETUP, RISE TIME	300ms, 50ms/230VAC    800ms, 50ms/115VAC at full load
	HOLD TIME(TYP.)	90ms/230VAC    12ms/115VAC at full load
<b>INPUT</b>	VOLTAGE RANGE	85 ~ 264VAC    120 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	72%/115VAC
	AC CURRENT(Typ.)	0.6A/115VAC    0.35A/230VAC
	INRUSH CURRENT(max.)	COLD START 13A/115VAC    25A/230VAC
	LEAKAGE CURRENT	<0.75mA / 240VAC
<b>PROTECTION</b>	OVERLOAD	105 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed.
	OVER VOLTAGE	5.75 ~ 6.75V Protection type : Hiccup mode, recovers automatically after fault condition is removed.
<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, period for 60min. each along X, Y, Z axes
<b>SAFETY &amp; EMC (Note 4)</b>	SAFETY STANDARDS	Design refer to UL1012, 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; ENV50204, EN55024, Light industry level, criteria A
<b>OTHERS</b>	MTBF	330.8K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	99*97*36mm (L*W*H)
	PACKING	0.35Kg; 60pcs/21.5Kg/0.57CUFT
<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>	