



<b>MODEL</b>		<b>S-50-12</b>
<b>OUTPUT</b>	DC VOLTAGE	12V
	RATED CURRENT	4.2A
	CURRENT RANGE	0 ~ 4.2A
	RATED POWER	50.4W
	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, HOLD TIME	200ms, 100ms, 20ms at full load
<b>INPUT</b>	VOLTAGE RANGE	85 ~ 132VAC / 170 ~ 264VAC selected by switch    240 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	71%
	AC CURRENT	1.3A/115VAC    0.65A/230VAC
	INRUSH CURRENT (max.)	COLD START 18A/115VAC    36A/230VAC
	LEAKAGE CURRENT	<1mA / 240VAC
<b>PROTECTION</b>	OVERLOAD	105 ~ 150% rated output power Protection type : Fold back current limiting, recovers automatically after fault condition is removed.
	WORKING TEMP.	-10 ~ +60 °C (Refer to output load derating curve)
<b>ENVIRONMENT</b>	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</b>	SAFETY STANDARDS
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
<b>OTHERS</b>	MTBF	408.3K hrs min. MIL-HDBK-217F (25 °C)
	DIMENSION	159*97*38mm (L*W*H)
	PACKING	0.48Kg; 30pcs/14.5Kg/0.51CUFT
<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>	