

Features:

1. AC input range selectable by switch
2. Protections: Short circuit/Over load/Over voltage
3. Cooling by free air convection



MODEL		S-150-12
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	12.5A
	CURRENT RANGE	0 ~ 12.5A
	RATED POWER	150W
	RIPPLE & NOISE (max.)	180mVp-p
	VOLTAGE ADJ. RANGE	10.6 ~ 13.2V
	VOLTAGE TOLERANCE	±1.0%
	LINE REGULATION	±0.3%
	LOAD REGULATION	±0.3%
SETUP, RISE, HOLD TIME	100ms, 50ms, 20ms at full load	
INPUT	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	
PROTECTION	OVER LOAD	105 ~ 150% rated output power Protection type Hiccup mode, recovers automatically after fault condition is removed.
	OVER VOLTAGE	13,8V ~ 16,2V Protection type Hiccup mode, recovers automatically after fault condition is removed.
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, period for 60min. each along X, Y, Z axes	
SAFETY & EMC	SAFETY STANDARDS	UL1012, UL60950-1, TUV EN60950-1 Approved
	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 & RADIA	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	
OTHERS	DIMENSION	199*110*50mm (L*W*H)
	PACKING	0.8Kg; 16pcs/13.8Kg/0.95CUFT
NOTE	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature</li> <li>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</li> <li>3. Tolerance : includes set up tolerance, line regulation and load regulation</li> <li>4. The power supply is considered a component which will be installed into a final equipment. The final equipment musbe re-confirmed that it still meet EMC directives</li> </ol>	