

**Features:**

1. AC input range selectable by switch
2. Protections: Short circuit/Over load/Over voltage
3. Forced air cooling by built-in DC ball bearing fan

MODEL		S-240-12
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	20A
	CURRENT RANGE	0 ~ 20A
	RATED POWER	240W
	RIPPLE & NOISE (max.)	150mVp-p
	VOLTAGE ADJ. RANGE	10 ~ 14V
	VOLTAGE TOLERANCE	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±0.5%
SETUP, RISE, HOLD TIME	1s, 20ms, 20ms at full load	
INPUT	VOLTAGE RANGE	85 ~ 132VAC / 176 ~ 264VAC selected by switch 248 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	82%
	AC CURRENT	5A/115VAC 2.5A/230VAC
	INRUSH CURRENT (max.)	18A/115VAC 36A/230VAC
LEAKAGE CURRENT	<2mA / 240VAC	
PROTECTION	OVER LOAD	105 ~ 135% rated output power Protection type Hiccup mode, recovers automatically after fault condition is removed.
	OVER VOLTAGE	14.4 ~ 16.8V Protection type Hiccup mode, recovers automatically after fault condition is removed.
FUNCTION	FAN CONTROL, O.T.P.	RT1 ≥40°C FAN ON, ≤35°C FAN OFF, ≥70°C output shutdown
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)
SAFETY & EMC	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 Approved (7.5V Design refer to 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 & RADIA	Compliance to EN55022 (CISPR22) Class B
OTHERS	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
NOTE	DIMENSION	190*93*65mm (L*W*H)
	PACKING	1.2Kg; 12pcs/15.3Kg/0.78CUFT
<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> <p>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</p>		