

**Features:**

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

MODEL		S-25-12
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	2,1 A
	CURRENT RANGE	0 ~ 2.1A
	RATED POWER	25,2W
	RIPPLE & NOISE (max.)	100mVp-p
	VOLTAGE ADJ. RANGE	10,8 ~ 13,2 V
	VOLTAGE TOLERANCE	±1,0%
	LINE REGULARION	±0,5%
	LOAD REGULATION	±0,5%
SETUP, RISE, HOLD TIME	300ms, 50ms, 80ms/230VAC 800ms, 50ms, 10ms/115VAC at full load	
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY(Typ.)	76%/115VAC
	AC CURRENT	0,6A/115VAC 0,35A/230VAC
	INRUSH CURRENT(max.)	COLD START 15A/115VAC 30A/230VAC
LEAKAGE CURRENT	<0,75mA / 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, TUV EN60950- 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	99*97*36mm (L*W*H) / 82*57*32mm (L*W*H)
	PACKING	0,37Kg; 60pcs/22,2Kg/0,9CUFT
NOTE	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor 3. Tolerance : includes set up tolerance, line regulation and load regulation 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 	