



## Features:

- \*Low power consumption, high reliability
- \*Protections: Short circuit/Over load/Over voltage
- \*Cooling by fan convection
- \*100% full load burn-in test

## SPECIFICATION

## 300Watts Single Output Switching Power Supply

MODEL		PSU SWMMC 12V 25A
OUTPUT	DC VOLTAGE	12V
	OUTPUT POWER	300W
	CURRENT RANGE	0-25A
	RIPPLE & NOISE(max.)	150mVp-p
	VOLTAGE ADJ. RANGE	±10%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±2.0%
	VOLTAGE TOLERANCE	±2.0%
	SETUP,RISE TIME	800ms, 50ms at full load
	HOLD UP TIME	60ms
INPUT	VOLTAGE RANGE	110VAC or 220VAC to select by switcher
	AC CURRENT(Typ.)	0.35A/ 110VAC 0.18A/ 240VAC
	FREQUENCY RANGE	47-63Hz
	EFFICIENCY(Typ.)	78%
	INRUSH CURRENT(Typ.)	COLD START 15A/115VAC 30A/230VAC
	LEAKAGE CURRENT	<3.5mA/240VAC
PROTECTION	OVER LOAD	115%~135% of rated power; Pulsing hiccup shut down,auto recovery
	OVER VOLTAGE	Rated output voltage of 105%~150% start overvoltage protection: burst mode,load of abnormal conditions removed the automatic recovery
	SHORT CIRCUIT	voltage off and reset input for recovers
ENVIRONMENT	WORKING TEMP.	-0°C ~ +45°C (Refer to output load derating curve)
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP.,HUMIDITY	-20°C ~ +85°C 10~95% RH
	TEMP. COEFFICIENT	±0.05%/°C
	COOLING METHOD	BY FAN CONVECTION
SAFETY & EMC	SAFETY STANDARDS	IEC 60950
	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	Compliance to EN55022
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Compliance to EN55024
OTHERS	CONNECTION TERMINAL	MARK: AC-L, AC-N, FG, GND, GND,GND, DC, DC, DC
	DIMENSION	L210*W111*H50MM
	WEIGHT	0.80Kg,20PCS/Cartron
	SHELL MATERIAL	Chassis:1.5mm thickness aluminium;Cover:0.7mm thickness iron(silver plating)