



## 12V/1Amp Smps PCB With Rubber Sleeving



### Features

Multi-protection against over-loading, over-current, short-circuit and over-heating  
100% over-loading aging test guarantee.



Over Current Protection



Over Voltage Protection



Over Temperature Protection



Short Circuit Protection

### SPECIFICATION

INPUT	AC Input Voltage	230V AC
	AC Input Voltage range	100V TO 275V AC
	AC Input frequency	47Hz TO 63Hz
	Input Current	0.8A @ 115Vac ; 0.6A @ 230Vac
	Input Power (Stanby Mode)	0.3W
	Input fuse type	T2A/250V
OUTPUT	Normal DC O/P Voltage	12V
	Output Current	1A
	Output Power	12W
	Line Regulation	±1%
	Load Regulation	±5%
	Startup Time	3000ms @ 115Vac (max.)
	Holdup Time	10ms @ 115Vac (min.)
	Dynamic Response (Overshoot & Undershoot O/P Voltage)	±10% @ 50-100% load (Overshoot & Undershoot O/P Voltage )
DC Output Ripple & Noise	≤100mv	
ENVIRONMENTAL	Operating temperature	-0°C~+40°C
	Operating Humidity	10%~96%R.H
	Storage temperature	-40°C~+70°C
	Storage Humidity	5%~95%R.H (Non-Condensing)
SAFETY	Isolation	1.5KV Between Primary And Secondary
	Leakage Current	N/A
	Cut-of with auto recovery & Buzzer indication	N/A
PROTECTIONS	Overvoltage	150%, Latch Mode
	Overload / Overcurrent	250% of rated load current, Hiccup Mode, (Non-Latching, Auto-Recovery)
	Over Temperature	Hiccup Mode, (Non-Latching, Auto-Recovery)
	Short Circuit	Hiccup Mode, (Non-Latching, Auto-Recovery)
	Degree of protection	Ip22
	Protection Against Shock	Class II
OTHERS	Weight	100g
	Shell Material	Rubber Sleeving
	Dimension (PCB)	L-67mm X W-36mm X H-19mm