



POWER ADAPTOR 12VDC 2.5A

PRODUCT FACTS

- ❖ 100~240VAC Universal AC Input
- ❖ Small volume, light weight, high efficiency
- ❖ Protections : short circuit, overload
- ❖ Cooling by free air convection
- ❖ 100% full load burn-in test



Size: 87*46*41mm

PRODUCT CODE



PA-12V 2.5A

TECHNICAL DATA

Model		SM12-2500			
Output	DC output voltage	12			
	Output voltage tolerance	±1%			
	rated output current	2.5A			
	Output current range	0~2.5A			
	Output power	30W			
	Ripple and noise	120mVp-p			
	DC adjustment range	±5%			
Input	Setup、rise、hold time	200ms,100ms,30ms/230VAC.			
	AC input voltage range	100~240VAC 47~63Hz			
	AC input current (max)	0.36A			
	Efficiency	≥78%			
	AC inrush current(max)	Cold start ,40A/230V			
Protection characteristic	Overload protection	115%~135%rated output power ,start loading protection			
		Protection mode: hiccup mode, Auto-recovery			
	Over voltage protection	115%~135%Shut down O/P , Auto-recovery			
	Over temp protection	≥105°CShut down O/P , Auto-recovery			
Environment	Working temperature humidity	-10°C~+60°C;20%~90%RH			
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG : 0.5KVAC			
	Insulation resistance	I/P-O/P : I/P-FG , O/P-FG : 100M Ohms/500VDC			
Else	Weight/packing	0.1kg/200PCS/20kg/21kg	CARTON: 46*43*37.5CM		

Remarks : 1、 When not especial specified, all the parameters are obtained under the conditions of input voltage is 230vac, nominal rated load and 25°C。2、 Ripple and noise voltage is obtained that in the 20MHz bandwidth oscilloscope's 12-inch twisted-pair terminal add capacitance 0.1u and 47u capacitance.3、 Tolerance is the sum total of the voltage setting error, voltage regulation factor and current adjust rate