

# elektronický spínaný zdroj

## TLPS-12-6



Two years warranty

Built-in EMI filter

100% Load aging test

Wide range of input voltage

Accurate and stable output voltage

Output over-voltage, over-current, over-temp 105°C and short-circuit protection

Low output ripple and noise

Average no trouble working > 10,000 hours

### Product Electric Parameters

<b>Input specification</b>	Input voltage	100-240VAC
	Input frequency	50/60Hz
	Input surge	Cold start: /230VAC
	Cold start current:	0.11-0.055A
<b>Output specification</b>	Output voltage can be adjusted	±10%
	Start-up time	≅ 1S(input 230V, I <sub>o</sub> =100%)
	Keep time	≅ 20mS (input 230V, I <sub>o</sub> =100%)
	Voltage regulation	(Full load) ≅ 0.5%
<b>Protection function</b>	Overload protection	105% - 150% rated power, automatic recovery
	Over-voltage protection	105% - 150% of the rated voltage
<b>Insulation intensity</b>	Input---output	2000VAC/1min
	Input---ground	2000VAC/1min
<b>Safety standards</b>	According with GB4943, UL60950-1, EN60950-1 standards.	
<b>EMC standards</b>	According with GB9254, EN55022 class A EN61347-2-13:2008 standards	
<b>Environmental</b>	Working temperature	- 20 ° ~ 60 ° c / 20% ~ 90% RH (no frost)
	Storage temperature	- 40 ° ~ 85 ° c / 10% ~ 95% RH (no frost)
	Height above sea level	≅ 2000M
<b>Structure</b>	Size (mm)	55 (L) *28 (W) *23 (H)
<b>Cooling method</b>	Cooling method	Natural cooling air convection
<b>Weight</b>	34g/PCS	

### Product Type Table

Product model	Output specification		Ripple, Noise	Efficiency
	12V	0.5A	100mV	80%