

## Compact single switching power supply 60W

### Features:

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- Protections: short circuit/over load
- cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 2 Year warranty



### HS-60W

Model		HS-60-12	HS-60-15	HS-60-24
Output	DC voltage	12V	15V	24V
	Voltage tolerance	±1%	±1%	±1%
	Rated current	5A	4A	2.5A
	Current range	0~5A	0~4A	0~2.5A
	Rated power	60W	60W	60W
	Ripple&noise	100mvp-p	120mvp-p	120mvp-p
	DCvoltage	±10%	±10%	±10%
Input	Voltage range	90~132VAC/170~264VAC(selected by switch), 235~373VDC		
	Frequency	47~63Hz		
	AC current	1.6A/115VAC, 0.8A/230VAC		
	Efficiency	82%	82%	84%
	Inrush current	Cold start current 18A/115VAC,		
	Leakage current	< 1mA/240VAC		
Protection	Overload	Rated output power115%~135% start over load protection protection type: hiccup mode, auto-recovery after fault condition is removed		
Environment	Working	-10℃~+60℃, 20%~90%RH		
	Storage temp,humidit	-20℃~+85℃, 10%~95%RH non-condensing		
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes		
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-		
	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG: 100M ohms/500VDC		
Fitstandard	Safety standard	Fit UL1012		
	EMC standard	meet EN55022, CLASSA		
Others	Dimension	111*78*36mm (L*W*H)		
	Weight/packing	0.27kg/50pcs/ 14.5kg/0.027 m³/0.96CUFT		
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ 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			