

## Compact single switching power supply 35W

### Features:

- 170~264VAC AC input
- 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-35W					
Model		HS-35-5	HS-35-12	HS-35-15	HS-35-24
Output	DC voltage	5V	12V	15V	24V
	Voltage tolerance	±2%	±1%	±1%	±1%
	Rated current	5A	3A	2.4A	1.5A
	Current range	0~5A	0~3A	0~2.4A	0~1.5A
	Rated power	25W	36W	36W	36W
	Ripple&noise	80mvp-p	120mvp-p	120mvp-p	120mvp-p
	DCvoltage ADJ.range	-9%~+10%	±10%	±10%	±10%
Input	Voltage range	170~264VAC, 235~373VDC			
	Frequency	47~63Hz			
	AC current	0.45A/230VAC			
	Efficiency	76%	78%	78%	80%
	Inrush current	Cold start current 30A/230VAC			
Protection	Leakage current	< 1mA/240VAC			
	Overload	Rated output power115%~135% start over load protection protection type: hiccup mode, auto-recovery after fault condition is removed			
	Over voltage	Rated output power145% ~170% protection type: hiccup mode, auto-recovery after fault condition is removed			
	Over temp	When temperature of transistor inner node is over 150℃,Start over temp protection protection type: hiccup mode, auto-recovery after temperature become normal			
	Environment	Working temp,humidity	-10℃~+60℃, 20%~90%RH		
Storage temp,humidity		-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-FG: 0.5KVAC			
	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	84*58*38mm (L*W*H)			
	Weight/packing	0.17kg/80pcs/14.5kg/0.024m³/0.87CUFT			
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 regulation.				