

## Compact single switching power supply 40W

### 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-40W

Model		HS-40-12	HS-40-15	HS-40-24
Output	DC voltage	12V	15V	24V
	Voltage tolerance	±1%	±1%	±1%
	Rated current	3.4A	2.8A	1.7A
	Current range	0~3.4A	0~2.8A	0~1.7A
	Rated power	40.8W	42W	40.8W
	Ripple&noise	120mvp-p	120mvp-p	150mvp-p
	DCvoltage	±10%	±10%	±10%
Input	Voltage range	170~264VAC, 235~373VDC		
	Frequency	47~63Hz		
	AC current	0.55A/230VAC		
	Efficiency	78%	78%	80%
	Inrush current	Cold start current 30A/230VAC		
	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		
	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	-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	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.			