



Dimension: 84 × 58 × 38mm

Features:

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


SPECIFICATION

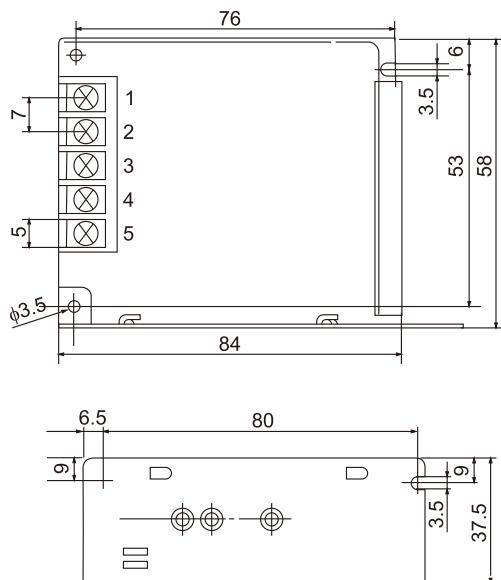
	Model	HS-35-5	HS-35-12	HS-35-15	HS-35-24			
Output	DC voltage	5V	12V	15V	24V			
	Voltage tolerance	± 1%	± 1%	± 1%	± 1%			
	Rated current	5A	3A	2.4A	1.5A			
	Current range	0 ~ 5A	0 ~ 3A	0 ~ 2.4A	0 ~ 1.5A			
	Rated power	25W	36W	36W	36W			
	Ripple&noise	80mVp-p	120mVp-p	120mVp-p	120mVp-p			
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%	± 10%			
	Setup, rise, hold up time	800ms,20ms,24ms/230VAC.						
Input	Voltage range	90 ~ 264VAC 47 ~ 63Hz, 135 ~ 373VDC						
	AC current	0.75A/115VAC 0.45/230VAC						
	Efficiency	78%	81%	82%	83%			
	Inrush current	Cold start30A/230VAC						
	leakage current	< 0.5mA/240VAC						
Protection	Overload	Rated output power115% ~ 135%Start overload 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						
Environment	Over temp	When temperature of transistor inner node is over 150°C,Start over temp protection						
		Protection type: hiccup mode, auto-recovery after temperature become normal						
	Working temp, humidity	-20°C ~ +60°C;20% ~ 90%RH(Please refer to "derating curve")						
Safety	Storage temp, humidity	-40°C ~ +85°C;10% ~ 95%RH Non-condensing						
	Withstand vibration	10 ~ 500Hz, 5G 10min./1Cycle, Period for 60min, Each axes						
Fit standard	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC						
	Isolation resistance	I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC						
Others	Safety standard	Compliance to UL 62368-1, TUV 62368-1, EN 62368-1						
	EMC Standard	Compliance to EN 55032, CLASS A						
Others	Dimension	84*58*38mm (L*W*H)						
	Weight	0.18kg/100pcs/19kg/0.035m³/1.24CUFT						

Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C 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.

Mechanical specification

Unit:mm

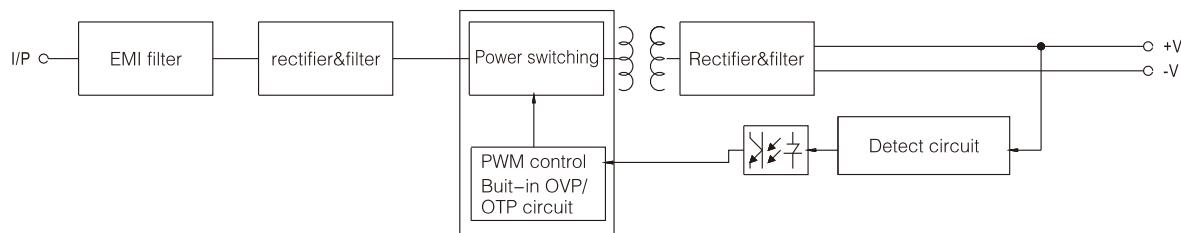


Terminal Pin No.Assignment

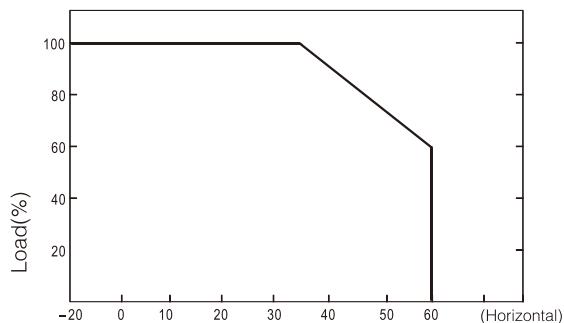
Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT-V
2	AC/N	5	DC OUTPUT +V
3	FG \pm		

Block diagram

Frequency: 60KHz

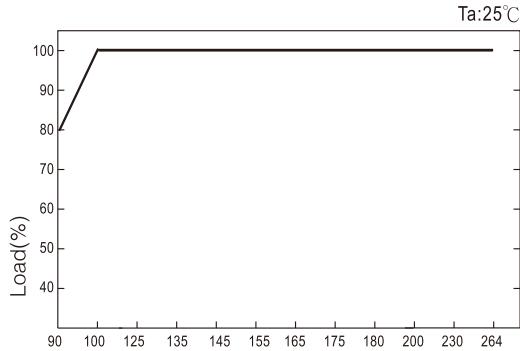


Derating curve



Ambient temperature($^{\circ}\text{C}$)

Static characteristic



Input voltage(V)50Hz