



Dimension: 85 × 58 × 38mm

Features:

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



SPECIFICATION

Model		NES-25-12	NES-25-15	NES-25-24
Output	DC voltage	12V	15V	24V
	Voltage tolerance	± 1%	± 1%	± 1%
	Rated current	2.1A	1.7A	1.1A
	Current range	0 ~ 2.1A	0 ~ 1.7A	0 ~ 1.1A
	Rated power	25.2W	25.5W	26.4W
	Ripple&noise	120mVp-p	120mVp-p	200mVp-p
	DC voltage ADJ. range	± 10%	± 10%	± 10%
Input	Setup, rise, hold up time	600ms,30ms,24ms/230VAC.1200ms,30ms,10ms/115VAC		
	Voltage range	90 ~ 264VAC 47 ~ 63Hz or 125 ~ 373VDC		
	AC current	0.75A/115VAC 0.5A/230VAC		
	Efficiency	83%	84%	86%
	Inrush current	Cold start 3sA/230VAC		
Protection	leakage current	< 2mA/240VAC		
	Overload	Rated output power110% ~ 150%Start overload protection Protection type: hiccup mode, auto-recovery after fault condition is removed		
	Over voltage	15.6 ~ 17.8V	16.5 ~ 22.5V	30.6 ~ 33.2V
Environment	Working temp, humidity	-20°C ~ +60°C;20% ~ 90%RH(Please refer to "derating curve")		
	Storage temp, humidity	-40°C ~ +85°C;10% ~ 95%RH Non-condensing		
	Withstand vibration	10 ~ 500Hz, 2G 10min./1Cycle, Period for 60min, Each axes		
Safety	Withstand voltage	I/P-O/P: 3KVAC 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		
Fit standard	Safety standard	Fit UL06950-1,GB4943		
	EMC Standard	Fit EN55022, CLASSB		
Others	Dimension	84*58*38mm (L*W*H)		
	Weight	0.2kg/80pcs/17kg/0.024m³/0.87CUFT		

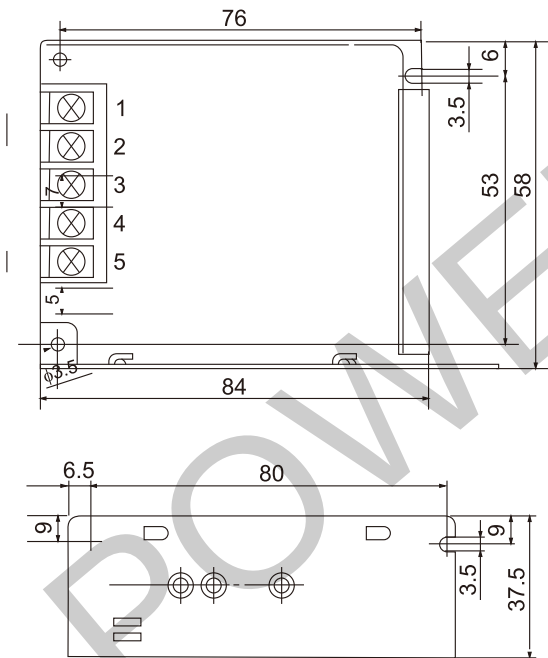
Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

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

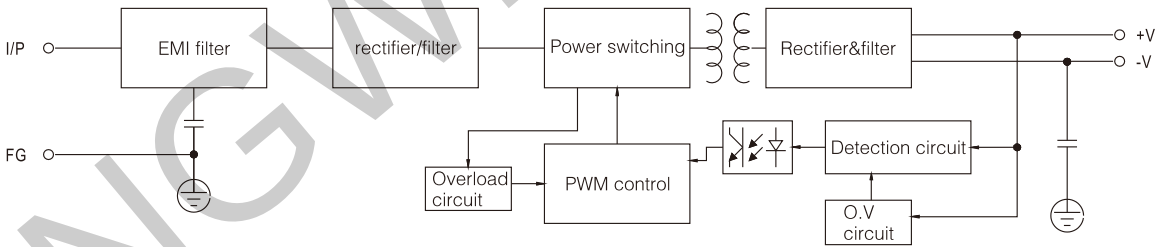
Unit:mm



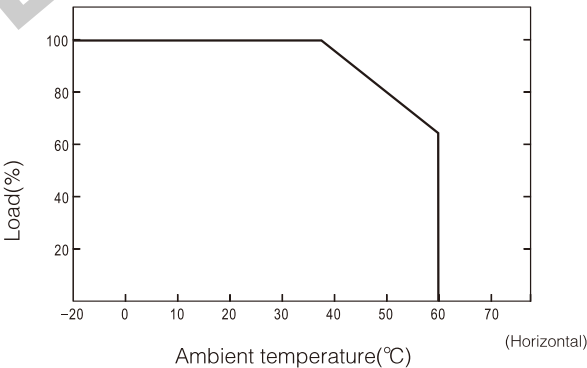
Terminal Pin No.Assignment

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

Block diagram



Derating curve



Static characteristic

