



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
- No load consumption < 0.8W
- 3 Years warranty



### SPECIFICATION

Model		NES-15-5	NES-15-12	NES-15-24
Output	DC voltage	5V	12V	24V
	Voltage tolerance	± 2%	± 1%	± 1%
	Rated current	3A	1.3A	0.7A
	Current range	0 ~ 3A	0 ~ 1.3A	0 ~ 0.7A
	Rated power	15W	15.6W	16.8W
	Ripple&noise	120mVp-p	150mVp-p	200mVp-p
	DC voltage ADJ. range	-9% ~ ± 10%	± 10%	± 10%
Setup, rise, hold up time		600ms,30ms,24ms/230VAC.1200ms,30ms,10ms/115VAC		
Input	Voltage range	90 ~ 264VAC 47 ~ 63Hz or 125 ~ 373VDC		
	AC current	0.35A/115VAC 0.25A/230VAC		
	Efficiency	79%	82%	84%
	Inrush current	Cold start 45A/230VAC		
	leakage current	< 2mA/240VAC		
Protection	Overload	Rated output power 110% ~ 150% Start overload protection Protection type: hiccup mode, auto-recovery after fault condition is removed		
	Over voltage	6.2 ~ 7.5V	15.6 ~ 18.6V	30.6 ~ 33.8V
Environment	Working temp, humidity	-20°C ~ +40°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 UL60950-1,CB ( IEC60950-1),GB4943		
	EMC Standard	Fit EN55022(CISPR22)Class B, EN61000-3-2,3		
Others	Dimension	84*58*38mm ( L*W*H )		
	Weight	0.2kg/80pcs/17kg/0.024m³/0.87CUFT		

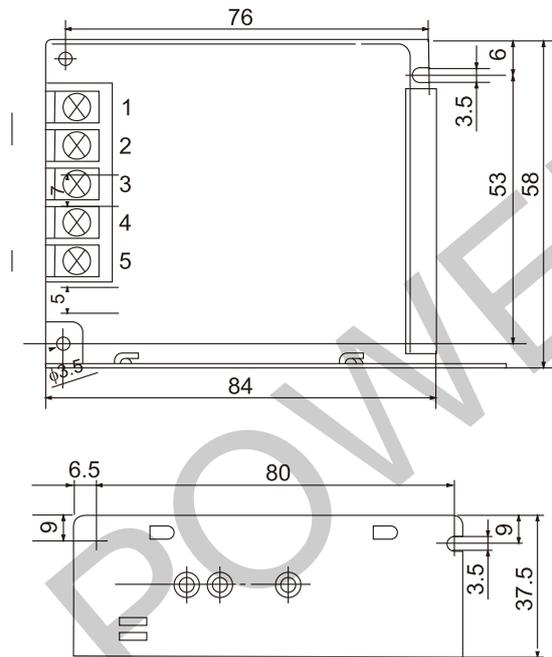
Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

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

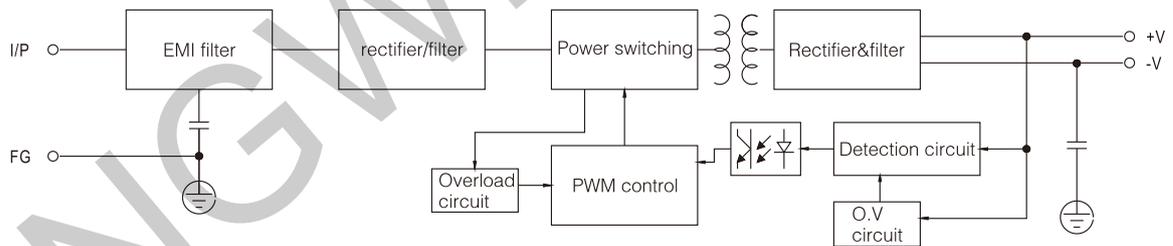
Unit:mm



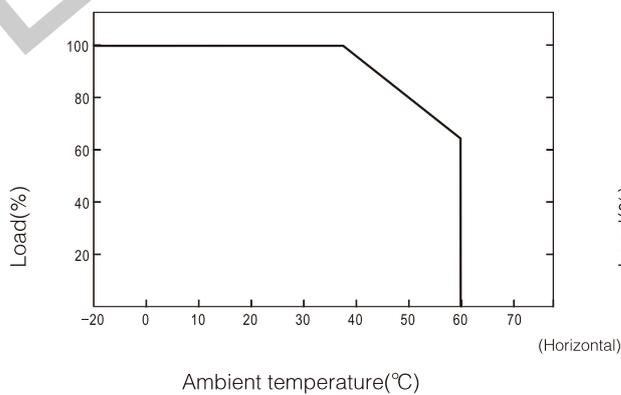
Terminal Pin No.Assignment

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

