



10W LED POWER SUPPLY SINGLE OUTPUT

Applications

- Industrial controlsystem
- Industrial automation machinery
- Mechanical and electrical equiprment
- Electronic instruments, equiprments or apparatus
- LED Lighting Series

Features

- International broad voltage AC input
- Protection: short-circuit, overload,overheat
- 100% full-load aged
- 300VAC surge for 5 seconds withstandable
- Working temperature up to 60°C
- 5G vibration tested
- High efficiency, long life span, and high reliability
- 2 years warranty

Dimension

L:77.5 mm

W:48 mm

H:20mm

Weight: 0.08Kg



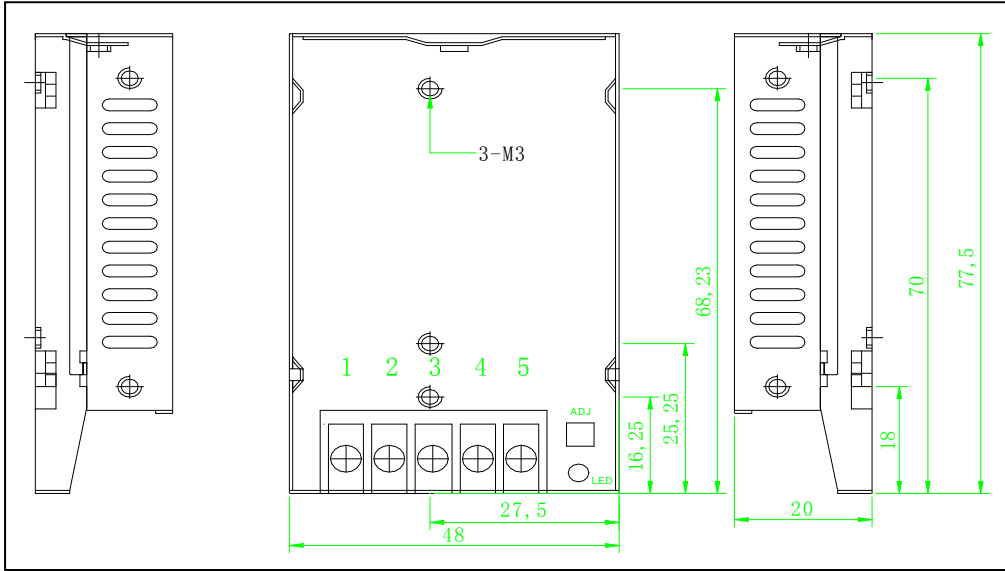
Specifications

Product No.		NW-10-5L	NW-10-12L	NW-10-15L	NW-10-24L			
Output	DC voltage	5V	12V	15V	24V			
	Rated Current	2A	0.8A	0.6A	0.4A			
	Current Range	0-2A	0-0.8A	0-0.6A	0-0.4A			
	Rated Power	10W	10W	10W	10W			
	Ripple and Noise(Max)Note.2	100mVp-p	150mVp-p	180mVp-p	240mVp-p			
	Voltage adjustment	4.8-5.4V	10.8-13.2V	13.5-16.5V	22-27.6V			
	Voltage Accuracy Note3	±2%	±1%	±1%	±1%			
	Linear Adjustment Note4	±0.5%	±0.5%	±0.5%	±0.5%			
	Load Adjustment Note5	0.015	±0.5%	±0.5%	±0.5%			
	Start and rise time	1000ms,30ms/230VAC 1000ms,30ms/110V						
Hold time (Typ)	50ms/230VAC 10ms/115AC							
Input	Voltage range	90-264VAC/120-370VDC						
	Frequency range	47-63HZ						
	Efficiency (Typ)	75%	80%	81%	82%			
	AC current (Typ)	0.35A/90V 0.2A/220V						
	Surge current (Typ)	Cold Start: 65A/230VAC						
	Current leak	<2mA/240VAC						
Protection	Overload	Larger than 105% of capacity restoration after abnormity removed						
	Overvoltage	Protection type: Turn off the output voltage and resume after restart						
	Overheat							
Environment	Working temp.	-20~+60°C (Refer to the tenuation curve)						
	Working humidity	20~90% RH, without condense						
	Storage temp & hmdty	-40~+80°C						
	Temp. coefficient	±0.03%/°C (0~50°C)						
	Vibration proof	10~500HZ,5G 10min / cycle, X、Y、Z axes 60 min each						
Safety reg. & EMC (Note.6)	Safety regulation	GB195110.1-2004/IEC61347-1:2003 CE(EMC+LVD)						
	Voltage proof	I/P-O:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC						
	insulation resistance	I/P-O/P, I/P-FG,O/P-FG:100M Ohms/500VDC/25°C/70% RH						
	EMC irradiation	EN 55022A:2006;EN61000-3-2:1995+A2:2005						
	EMC disturbance proof	EN 61000-3-2:2006;						
	Dimensions	77*48*20mm(L*W*H)						
	Packing	0.08kg/PCS;200PCS/19.5kg						

Notes:

1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°C environment temp.
2. Ripple and noise: measured with a 12" double ripple cord connected in parallel with a 0.1μF and a 47 μF capacitor on 20MHz bandwidth.
3. Accuracy: including preset errors, linear adjustment rate and load adjustment rate.
4. Linear adjustment: taken under rated load from low voltage to high voltage.
5. Load adjustment: taken under 0~100% of rated load.
6. Power supply is taken as part of the whole system, and needs to be confirmed with terminal instruments for EMC.

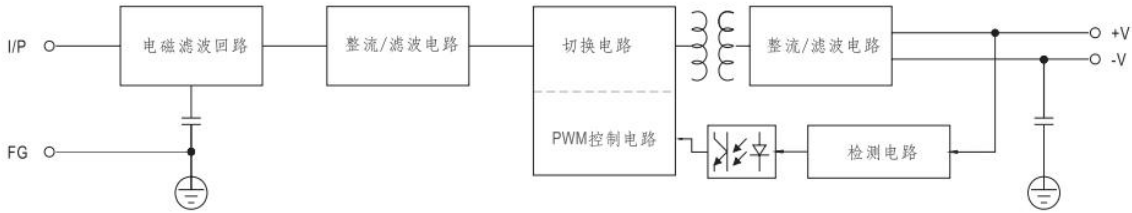
Appearance



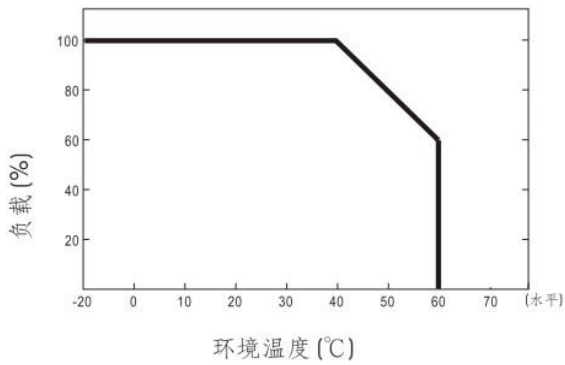
Terminal foot definition

Foot No.	Foot function
1	AC/L
2	AC/N
3	FG
4	OUTPUT -
5	OUTPUT +

Frame diagram



Tenuation curve



Static property curve

