



15W LED POWER SUPPLY SINGLE OUTPUT

■Applications

- Industrial controlsystem
- Industrial automation machinery
- Mechanical and electrical equirment
- Electronic instruments, equirments 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℃
- 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

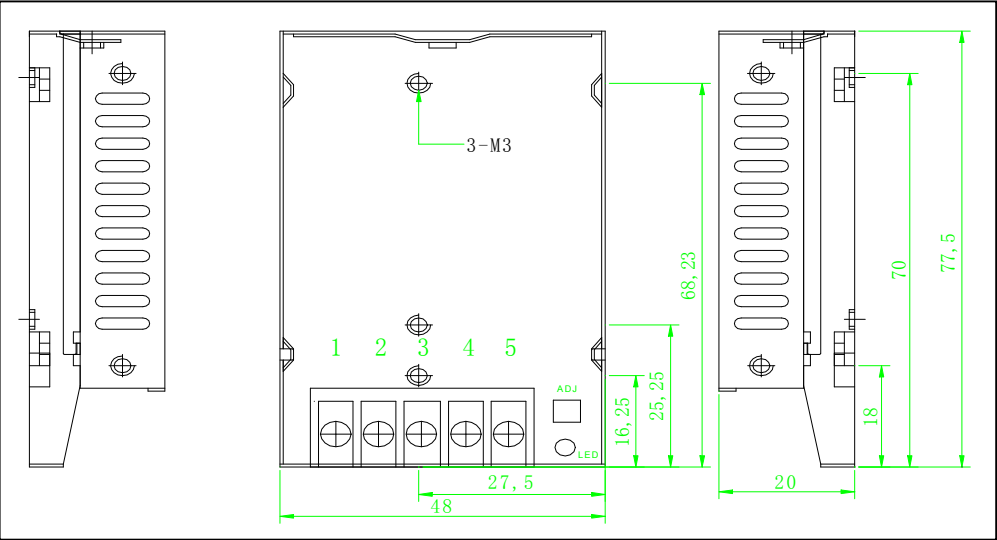


Specifications

Product No.		NW-15-3.3L	NW-15-5L	NW-15-12L	NW-15-15L	NW-15-24L	NW-15-48L
Output	DC voltage	3.3V	5V	12V	15V	24V	48V
	Rated Current	2A	2A	1.3A	1A	0.6	0.3A
	Current Range	0-2A	0-2A	0-1.3A	0-1A	0-0.6A	0-0.3A
	Rated Power	6.6W	10W	15.6W	15W	14.4W	14.4W
	Ripple and Noise(Max)Note.2	100mVp-p	100mVp-p	150mVp-p	180mVp-p	240mVp-p	250mVp-p
	Voltage adjustment	2.9-3.3v	4.8-5.4V	10.8-13.2V	13.5-16.5V	22-27.6V	44-52V
	Voltage Accuracy Note3	±3%	±2%	±1%	±1%	±1%	±1%
	Linear Adjustment Note4	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load Adjustment Note5	±2%	1.50%	±0.5%	±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)	70%	75%	80%	81%	82%	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						
	Overheat	Overheat protection starts when temperature in transistor over 140℃ Automatic restoration when temperature is back normal					
Environment	Working temp.	-20~+60℃ (Refer to the tenuation curve)					
	Working humidity	20~90% RH, without condense					
	Storage temp & hmdty	-40~+80℃					
	Temp. coefficient	±0.03%/℃ (0~50℃)					
	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℃/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℃ 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.

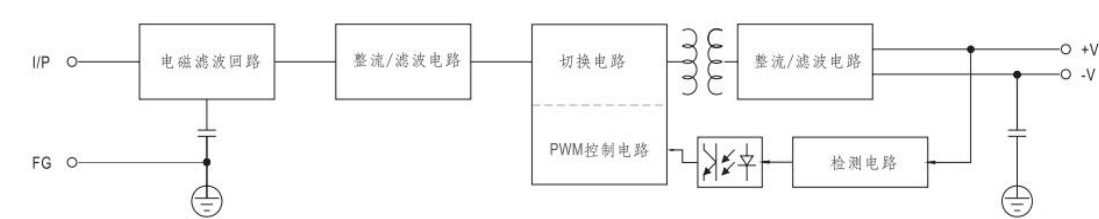
■ Appearance



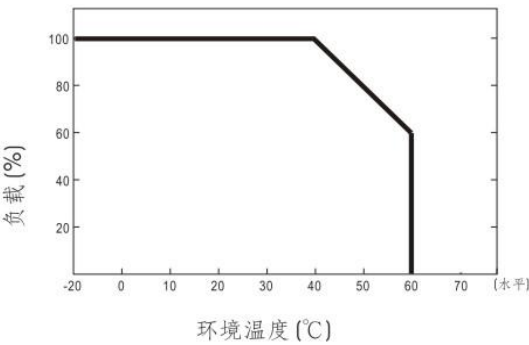
Terminal foot definition

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

■ Frame diagram



■ Tenuation curve



■ Static property curve

