



180W LED POWER SUPPLY SINGLE OUTPUT

Applications

- Industrial controlsystem
- Industrial automation machinery
- Mechanical and electrical equipriment
- Electronic instruments, equipments 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
- 3 years warranty

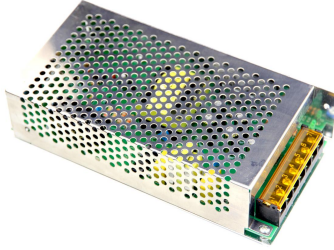
Dimension

L: 199 mm

W:98 mm

H:42mm

Weight: 0.43Kg

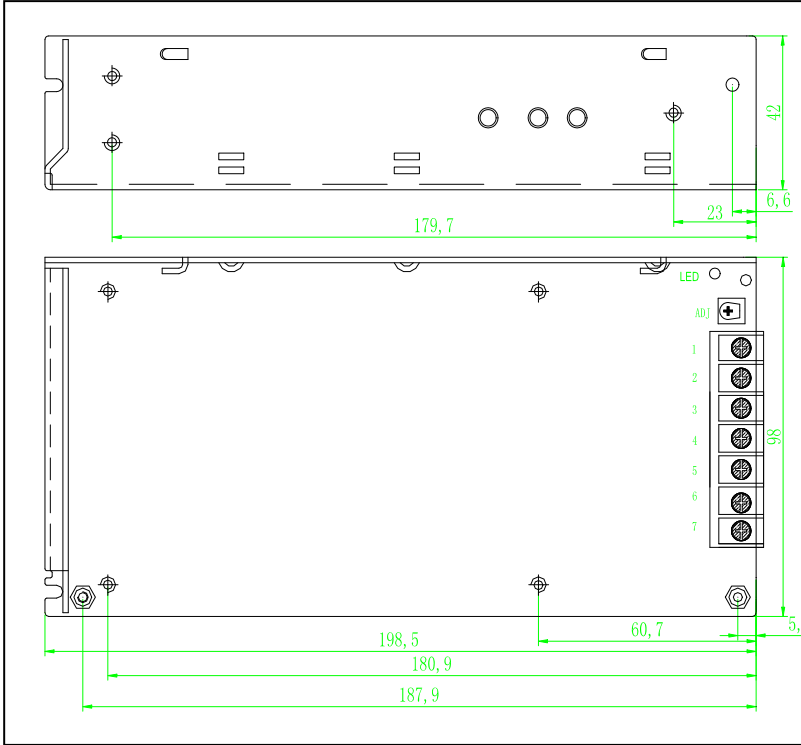


Specifications

Product No.		NW-180-12	NW-180-15	NW-180-24	NW-180-48			
Output	DC voltage	12V	15V	24V	48V			
	Rated Current	15A	12A	7.5A	3.75A			
	Current Range	0-15A	0-12A	0-7.5A	0-3.75A			
	Rated Power	180W	180W	180W	180W			
	Ripple and Noise(Max)Note.2	150mVp-p	180mVp-p	240mVp-p	250mVp-p			
	Voltage adjustment	10.8-13.2V	13.5-16.5V	22-27.6V	44-52V			
	Voltage Accuracy Note3	±1%	±1%	±1%	±1%			
	Linear Adjustment Note4	±0.5%	±0.5%	±0.5%	±0.5%			
	Load Adjustment Note5	±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	AC 110V±15%/AC 220±15% changed by switch						
	Frequency range	50HZ/60HZ						
	Efficiency (Typ)	70%	75%	80%	81%			
	AC current (Typ)	3.4A/110V 1.7A/220V						
	Surge current (Typ)	Cold Start: 65A/230VAC						
	Current leak	<2mA/240VAC						
Protection	Overload	Larger than 105% of capacity restoration after abnormality removed						
	Overvoltage							
	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/P:1.5KVAC						
	insulation resistance	I/P-O/P:100M Ohms/500VDC/25°C/70% RH						
	EMC irradiation	EN 55015:2006;EN61000-3-2:1995+A2:2005						
	EMC disturbance proof	EN 61000-3-2:2006;						
Dimensions	Dimensions	199*98*42mm(L*W*H)						
	Packing	0.55kg/PCS;28PCS/16kg						

- 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.

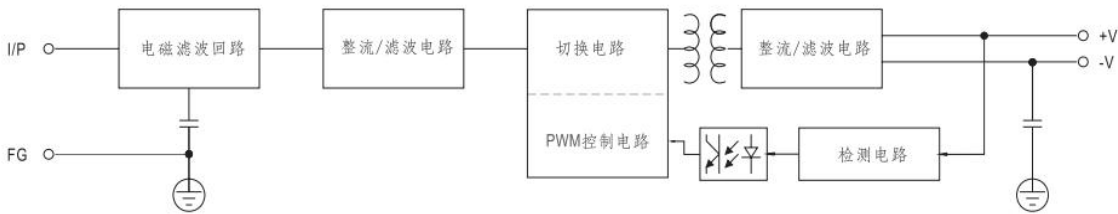
Appearance



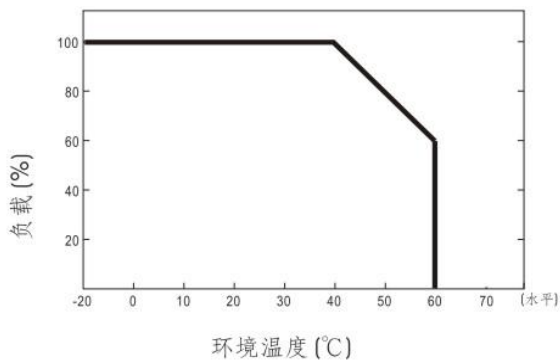
Terminal foot definition

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

Frame diagram



Tenuation curve



Static property curve

