



120W LED POWER SUPPLY SINGLE OUTPUT

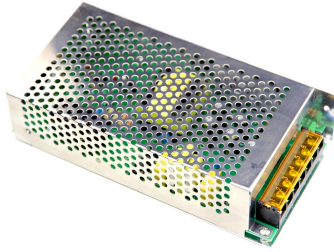
Applications

- 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
- 3 years warranty

Dimension
L: 199 mm
W:98 mm
H:42mm



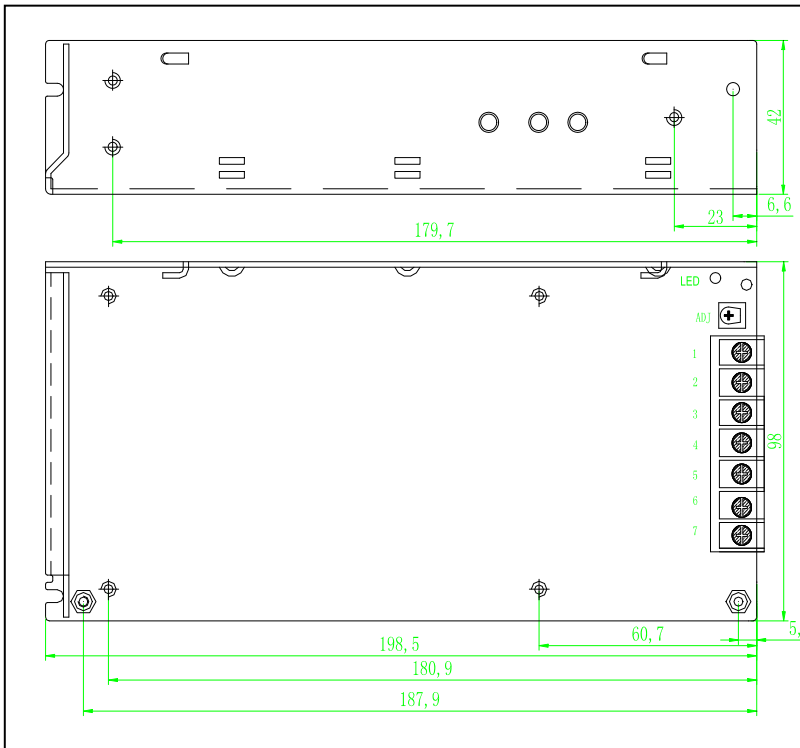
Weight: 0.43Kg



Specifications

Product No.		NW-120-12	NW-120-15	NW-120-24	NW-120-48				
Output	DC voltage	12V	15V	24V	48V				
	Rated Current	10A	8A	5A	2.5A				
	Current Range	0-10A	0-8A	0-5A	0-2.5A				
	Rated Power	120W	120W	120W	120W				
	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	176-264AC/250-360VDC							
	Frequency range	50HZ							
	Efficiency (Typ)	80%	81%	82%	82%				
	AC current (Typ)	1.42A/176V 1.1A/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: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	199*98*42mm(L*W*H)							
	Packing	0.43kg/PCS;28PCS/14.3kg							
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

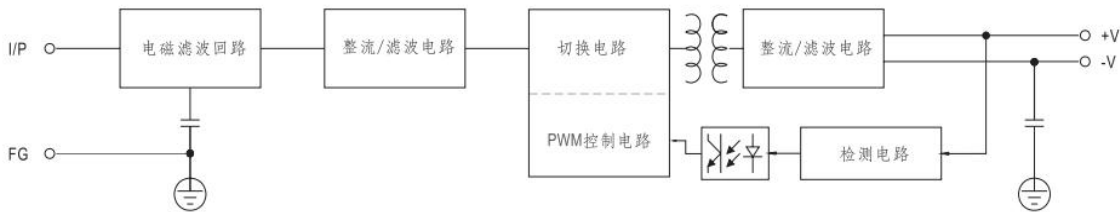


Terminal foot definition

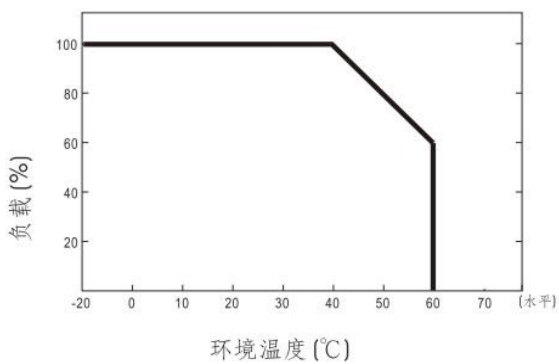
Foot No. Foot function

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

