



150W LED POWER SUPPLY SINGLE OUTPUT

■ Applications

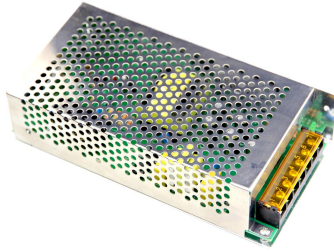
- Industrial controlsystem
- Industrial automation machinery
- Mechanical and electrical equiprment
- Electronic instruments, equiprments or apparatus
- LED Lighting Series

■ 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

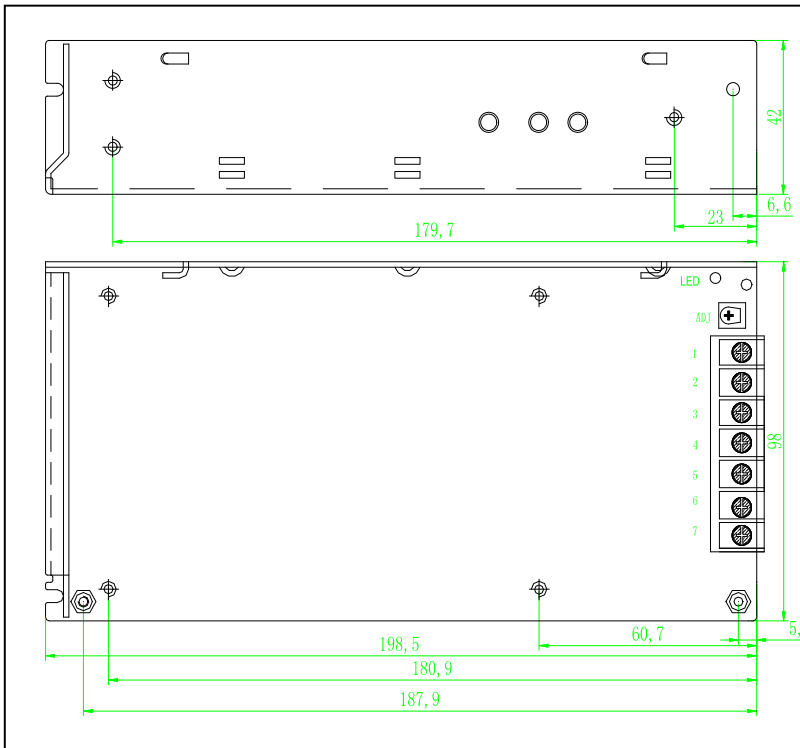


Specifications

Product No.		CNW-150-12	CNW-150-15	CNW-150-24	CNW-150-48			
Output	DC voltage	12V	15V	24V	48V			
	Rated Current	12.5A	10A	6.3A	3.2A			
	Current Range	0-12.5A	0-10A	0-6.3A	0-3.2A			
	Rated Power	150W	150W	150W	150W			
	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)	80%	81%	82%	82%			
	AC current (Typ)	2.8A/110V 1.4A/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							
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/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

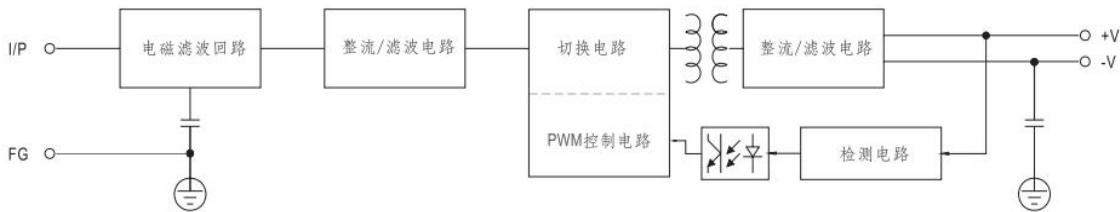


Terminal foot definition

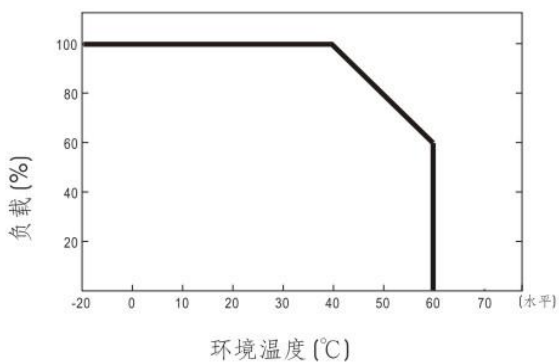
Foot No. Foot function

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

