



60W 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: 110 mm

W:78 mm

H:36mm

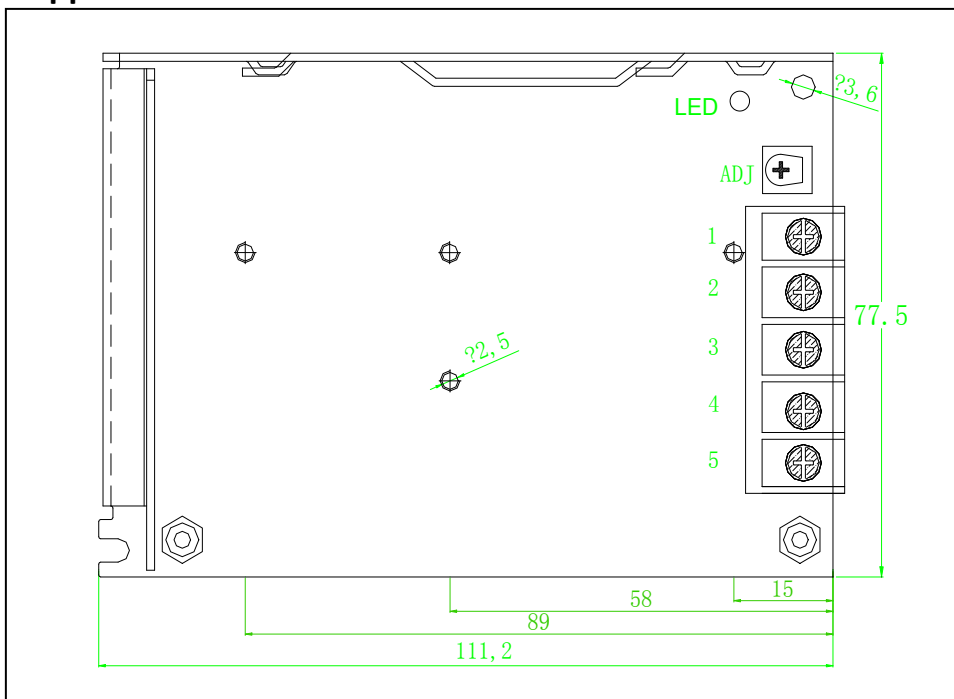
Weight: 0.23Kg



Specifications

Product No.		CNW-60-12S	CNW-60-15S	CNW-60-24S	CNW-60-48S		
Output	DC voltage	12V	15V	24V	48V		
	Rated Current	5A	4A	2.5A	1.25A		
	Current Range	0-5A	0-4A	0-2.5A	0-1.25A		
	Rated Power	60W	60W	60W	60W		
	Ripple and Noise(Max)Note.2	150mVp-p	240mVp-p	240mVp-p	240mVp-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 110V/30mS					
Hold time (Typ)	50ms/230VAC 110V10mS						
Input	Voltage range	175-264VAC/120-370VDC					
	Frequency range	50HZ					
	Efficiency (Typ)	80%	81%	82%	82%		
	AC current (Typ)	0.92A/90V 0.38A/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	110*78*36mm(L*W*H)					
	Packing	0.23kg/PCS;72PCS/17.2kg					
Notes:	<p>1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°C environment temp.</p> <p>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.</p> <p>3. Accuracy: including preset errors, linear adjustment rate and load adjustment rate.</p> <p>4. Linear adjustment: taken under rated load from low voltage to high voltage.</p> <p>5. Load adjustment: taken under 0~100% of rated load.</p> <p>6. Power supply is taken as part of the whole system, and needs to be confirmed with terminal instruments for EMC.</p>						

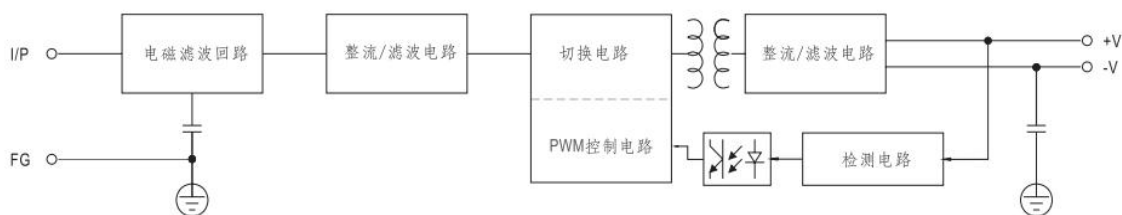
Appearance



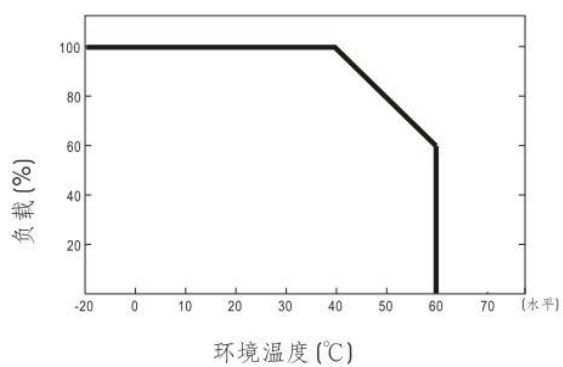
Terminal foot definition

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

Frame diagram



Tenuation curve



Static property curve

