



36W LED POWER SUPPLY SINGLE OUTPUT

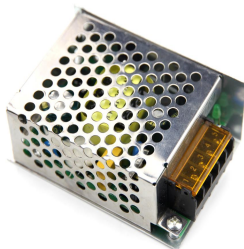
■ Applications

- Industrial controlsystem
- Industrial automation machinery
- Mechanical and electrical equiprment
- 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℃
- 5G vibration tested
- High efficiency, long life span, and high reliability
- 3 years warranty

Dimension
L: 85 mm
W:58 mm
H:34mm



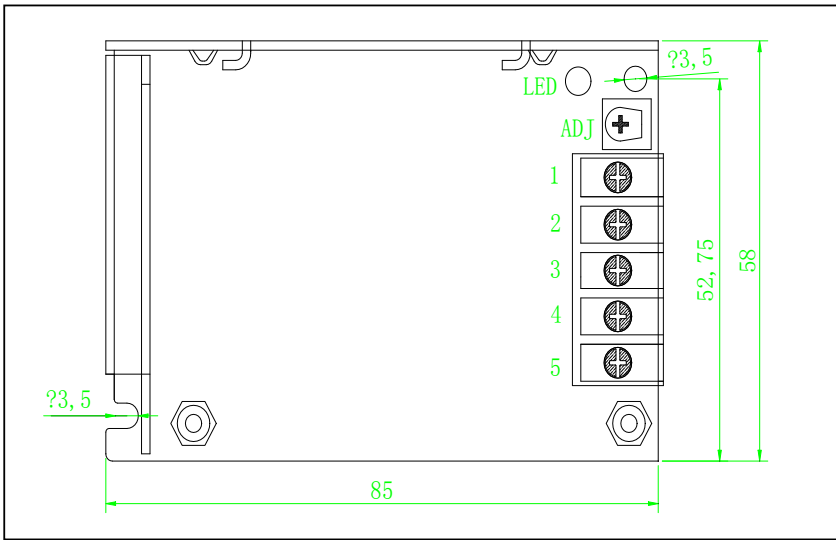
Weight: 0.14Kg



Specifications

Product No.		CNW-36-12	CNW-36-15	CNW-36-24	CNW-36-48		
Output	DC voltage	12V	15V	24V	48V		
	Rated Current	3A	2.4A	1.5A	0.75A		
	Current Range	0-3A	0-2.4A	0-1.5A	0-0.75A		
	Rated Power	36W	36W	36W	36W		
	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	90-264VAC/120-370VDC					
	Frequency range	47-63HZ					
	Efficiency (Typ)	80%	81%	82%	82%		
	AC current (Typ)	0.57A/90V 0.37A/220V					
	Surge current (Typ)	Cold Start: 65A/230VAC					
	Current leak	<2mA/240VAC					
Protection	Overload	Larger than 105% of capacity restoration after abnormity removed					
	Overvoltage	115% -145% Turn off output and output can be restored after power restart					
	Overheat						
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	85*58*38mm(L*W*H)					
	Packing	0.14kg/PCS;100PCS/15.3kg					
Notes:	<p>1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25℃ 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>						

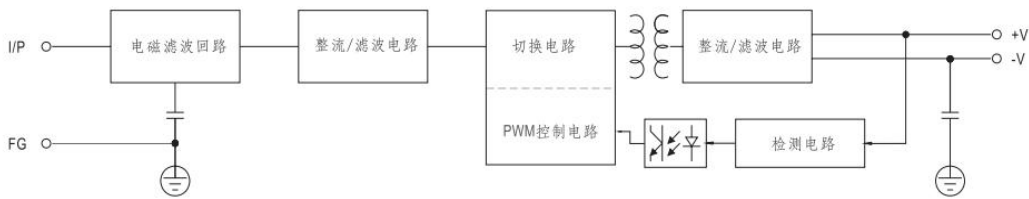
Appearance



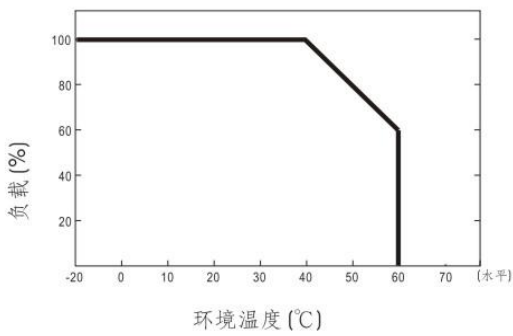
Terminal foot definition

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

Frame diagram



Tenuation curve



Static property curve

