



12W SINGLE OUTPUT PLASTIC CASE LED ADAPTER

■ 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:96mm

W:36 mm

H:22mm

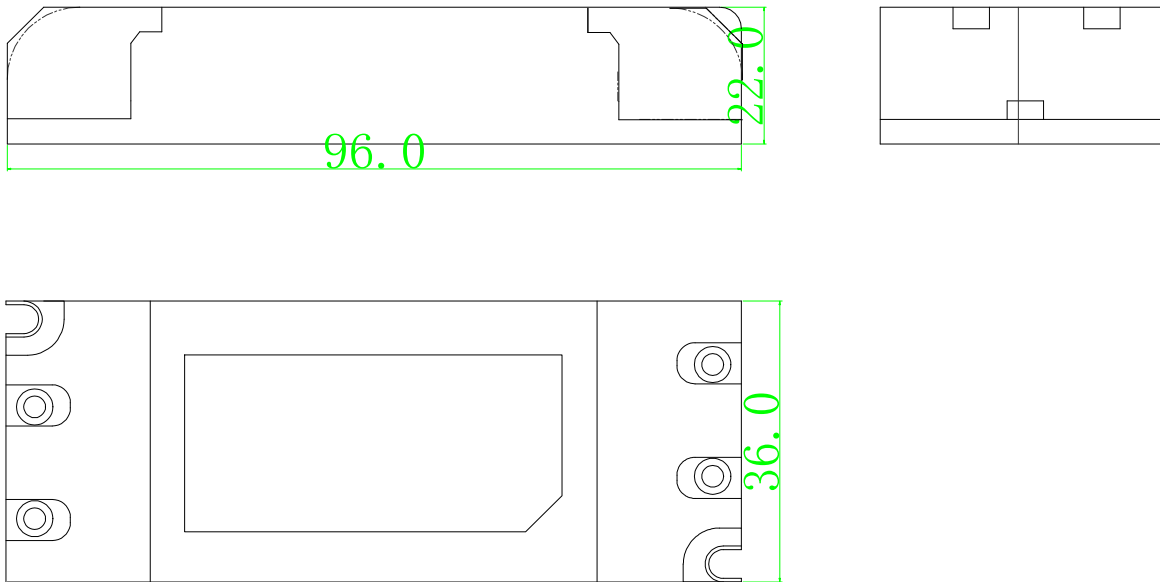
Weight: 0.06Kg



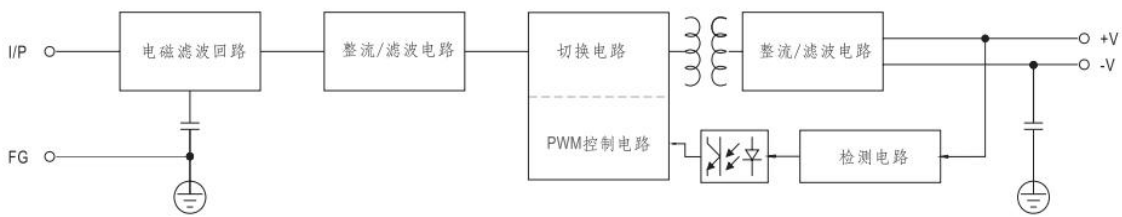
Specifications

Product No.		NS-12-12	NS-12-24					
Output	DC voltage	12V	24V					
	Rated Current	1A	0.5A					
	Current Range	0-1A	0-0.5A					
	Rated Power	12W	12W					
	Ripple and Noise(Max)Note.2	250mVp-p	250mVp-p					
	Voltage adjustment	-	-					
	Voltage Accuracy Note3	±1%	±1%					
	Linear Adjustment Note4	-	-					
	Load Adjustment Note5	±0.5%	±0.5%					
	Start and rise time	1000ms,30ms/230VAC						
Hold time (Typ)	50ms/230VAC							
Input	Voltage range	AC 100-240V						
	Frequency range	47-63HZ						
	Efficiency (Typ)	80%	82%					
	AC current (Typ)	0.83A/100V 0.34A/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	Overheat protection starts when temperature in transistor over 140℃ Automatic restoration when temperature is back normal						
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/P:1.5KVAC						
	insulation resistance	I/P-O/P: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	96*36*22mm(L*W*H)						
	Packing	0.06Kg/PCS;250PCS/23.4kg						
Notes:	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25℃ 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.							

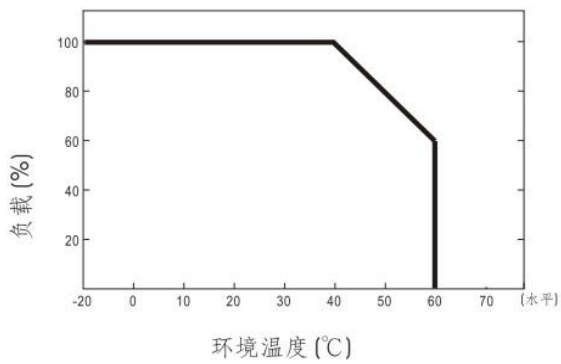
■ Appearance



■ Frame diagram



■ Tenuation curve



■ Static property curve

