36W SINGLE OUTPUT PLASTIC CASE LED ADAPTER

TOP DRIVER®

Dimension

L:145mm

W:42 mm

H:30mm

Weight: 0.11Kg

■Applications

· Industrial controlsystem

· Industrial automation machinery

· Mechanical and electrical equirment

· Electronic instruments, equirments 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

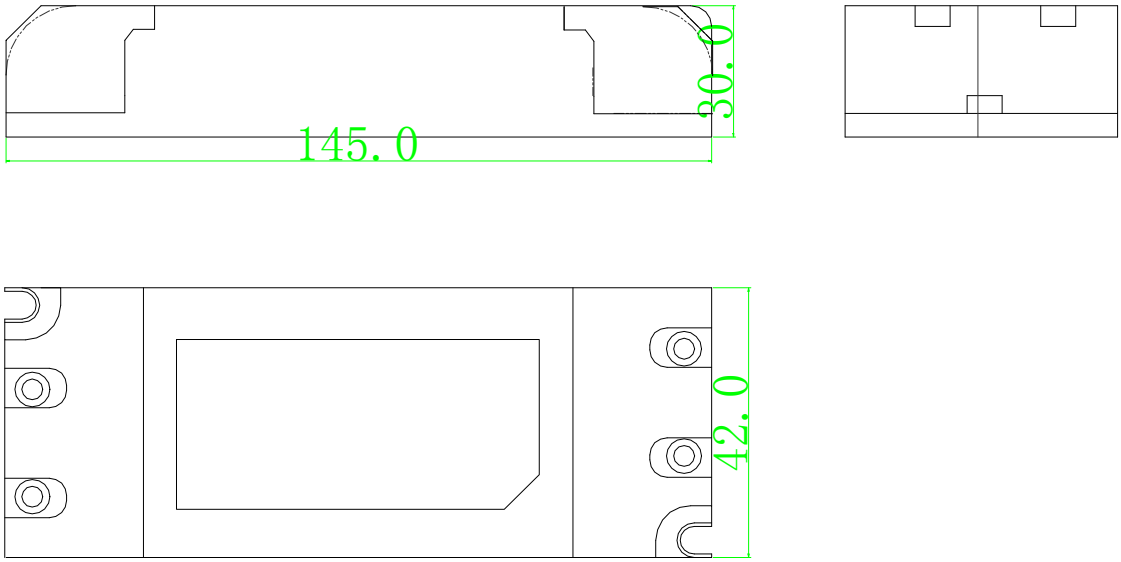
· 3 years warranty

CE CB IEC62368-1 EN62368-1 EN61558-1 EN61558-2-16

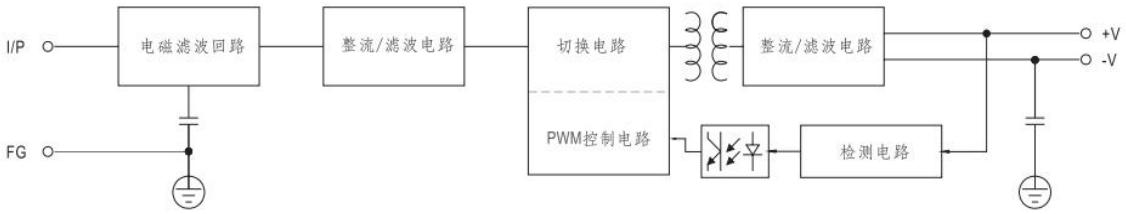
Specifications

Product No.		NS-36-12	NS-36-24				
Output	DC voltage	12V	24V				
	Rated Current	3A	1.5A				
	Current Range	0-3A	0-1.5A				
	Rated Power	36W	36W				
	Ripple and Noise(Max)Note.2	150mVp-p	240mVp-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						
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	145*42*30mm(L*W*H)					
	Packing	0.11kg/PCS;150PCS/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.						

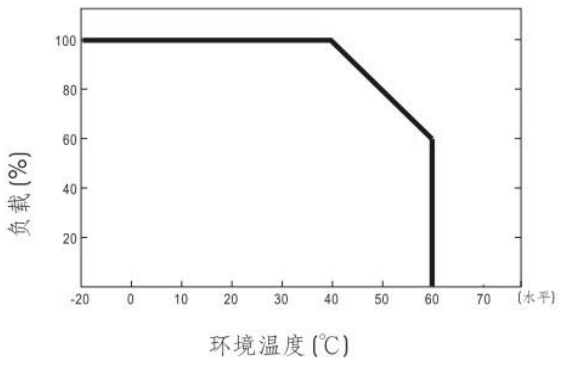
■Appearance



■Frame diagram



■Tenuation curve



■Static property curve