

SIZE: L:215mm W:115mm H:30mm



200W LED POWER SUPPLY SINGLE OUTPUT

- AC input: 110/220V
- Protection: short-circuit, overload,over voltage, over temperature
- 100% full-load aging test
- 300VAC surge for 5 seconds withstandable
- Working temperature up to 60°C
- 5G vibration tested
- High efficiency, long life span, and high reliability, low cost
- IP20 grade
- 3 years warranty

Application

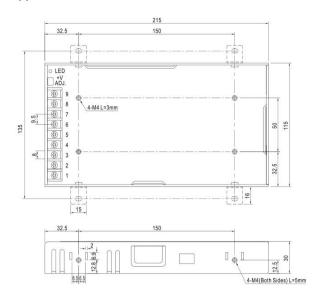
*Industrial automation machinery *industrial control system *LED lighting *Mechanical and electrical equipment *Electronic instruments, equipments or apparatus

Specifications

CE

Product No.		NWS-200-12	NWS-200-24	
Output	DC voltage	12V	24V	
	Rated Current	16.5A	8.3A	
	Current Range	0-16.5A	0-8.3A	
	Rated Power	200W	200W	
	Ripple and Noise(Max)Note.2	150mVp-p	240mVp-p	
	Voltage adjustment	10.8-13.2V	22-27.6V	
	Voltage Accuracy Note3	±1%	±1%	
	Linear Adjustment Note4	±0.5%	±0.5%	
	Load Adjustment Note5	±0.5%	±0.5%	
	Start and rise time	1000ms,30ms/230VAC 1000ms,30ms/110V		
	Hold time (Typ)	50ms/230VAC 10ms/115AC		
	Voltage range	AC 110V±15%/AC 220±15% changed by switch		
	Frequency range	50HZ/60HZ		
Input	Efficiency (Typ)	80%	82%	
Input	AC current (Typ)	3.7Å/110V 1.8A/220V		
	Surge current (Typ)	Cold Start: 65A/230VAC		
	Current leak	<2mA/240VAC		
	Overload	Larger than 105% of capacity		
		restoration after abnormity removed		
Protection	Overvoltage			
	Overheat			
	Working temp.	-20 \sim +60 $^{\circ}$ C(Refer to the tenuation curve)		
	Working humidity	$20 \sim 90\%$ RH, without condense		
Environment	Storage temp & hmdty	-40∼+80°C		
	Temp. coefficient	±0.03%/°C (0~50°C)		
	Vibration proof	10 \sim 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 55015:2006;EN61000-3-2:1995+A2:2005		
	EMC disturbance proof	EN 61000-3-2:2006;		
	Dimensions	214*114*30mm(L*W*H)		
	Packing	0.59kg/PCS;32PCS/18.94kg		
Notes:	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25 $^\circ$ 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.			
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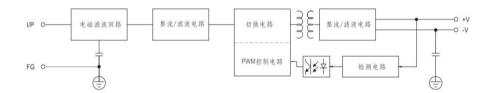
Appearance



Terminal foot definition

FOOT NO.		
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	

Frame diagram



■Tenuation curve

