



120W LED POWER SUPPLY SINGLE OUTPUT



SIZE:
L:128mm
W:98mm
H:30mm

- AC input: 87-264V
- 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

Product No.		NWS-120-12	NWS-120-24
Output	DC voltage	12V	24V
	Rated Current	10A	5A
	Current Range	0-10A	0-5A
	Rated Power	120W	120W
	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		
Input	Voltage range	87-264VAC	
	Frequency range	50HZ	
	Efficiency (Typ)	80%	82%
	AC current (Typ)	1.42A/176V 1.1A/220V	
	Surge current (Typ)	Cold Start: 65A/230VAC	
	Current leak	<2mA/240VAC	
Protection	Overload	Larger than 105% of capacity restoration after abnormality 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/P:1.5KVAC	
	insulation resistance	I/P-O/P:100M Ohms/500VDC/25°C/70% RH	
	EMC irradiation	EN 55015:2006;EN61000-3-2:1995+A2:2005	
	EMC disturbance proof	EN 61000-3-2:2006;	
	Dimensions	128*98*30mm(L*W*H)	
	Packing	0.293kg/PCS;60PCS/17.58kg	
Notes:	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°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 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.		

