



## 200W LED POWER SUPPLY SINGLE OUTPUT

### ■Features



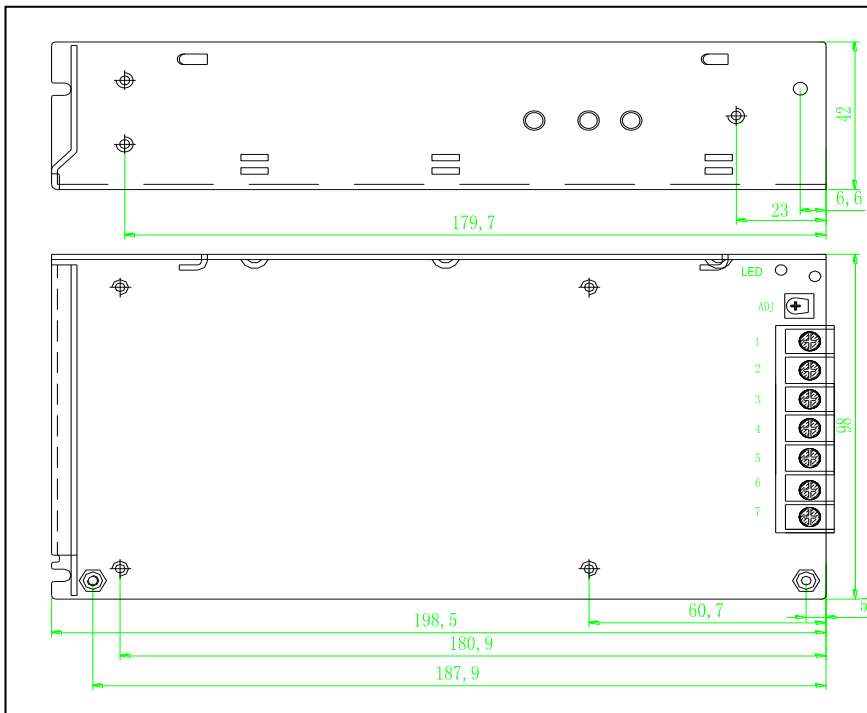
- Double AC input voltage controlled by switch
- Protection: short-circuit, overload
- 100% full-load aged
- 300VAC surge for 5 seconds withstandable
- Working temperature up to 60°C
- 5G vibration tested
- High efficiency, long life span, and high reliability

### Specifications

Product No.		NW-200-12	NW-200-15	NW-200-24	NW-200-48
Output	DC voltage	12V	15V	24V	48V
	Rated Current	16.5A	13A	8.3A	4.2A
	Current Range	0-16.5A	0-1.3A	0-8.3A	0-4.2A
	Rated Power	200W	200W	200W	200W
	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	AC 110V±15%/AC 220±15% changed by switch			
	Frequency range	50HZ/60HZ			
	Efficiency (Typ)	80%	81%	82%	82%
	AC current (Typ)	3.7A/110V 1.8A/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℃ (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 55015:2006;EN61000-3-2:1995+A2:2005
	EMC disturbance proof	EN 61000-3-2:2006;
	Dimensions	200*110*50mm(L*W*H)
	Packing	0.72kg/PCS;24PCS/18.2kg
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	OUTPUT-
4	OUTPUT-
5	FG
6	AC/N
7	AC/L