LED POWER SUPPLY

200W@12V | 200W@24V | IP67

SANPU

Features:
- 175-240V AC input
- Single Output
- 85% high efficiency
- 100% full load bur-in test
- Protection: OTP,OLP,OVP,SCP
- CE ROHS Certified
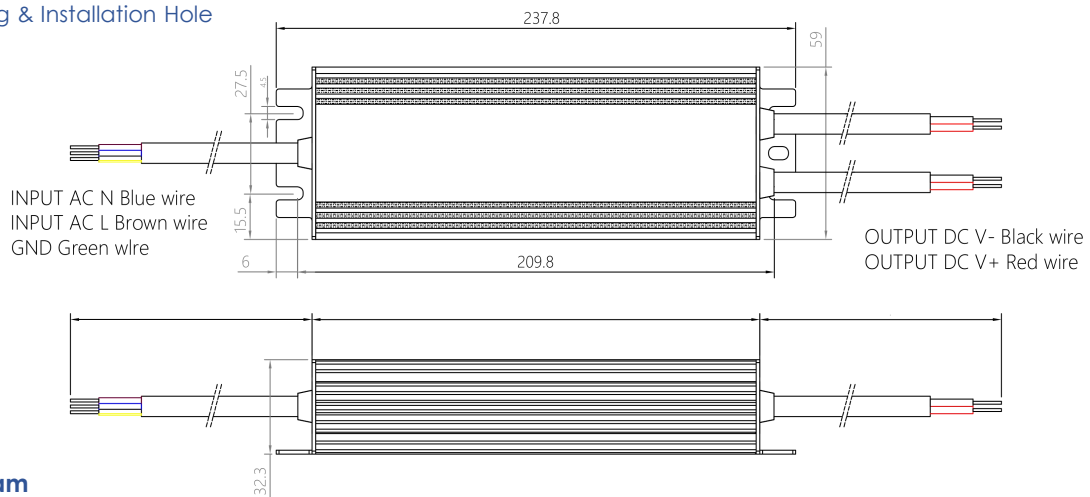- 3 year warranty

Applications:
- Outdoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting

Specifications

	Product Code	CLPS200-H1V12	CLPS200-H1V24
Output	DC Voltage	12V	24V
	Rated Current	16.6A	8.33A
	Current Range	0~16.6A	0~8.33A
	Voltage tolerance	±5%	±5%
	Rated Power	200W	200W
	Ripple & Noise	<120mVp-p	<150mVp-p
	Set-up, Rise , Hold-up Time	200ms, 100ms , 30ms	
Input	Input voltage range	90-135VAC / 175-240 VAC	
	Frequency Range	50~60Hz	
	AC Current	3.4A / 115VAC; 1.7A / 230VAC	
	Efficiency	85%	88%
	PF	0.6	
Protection	Over Load	**Above 110%-150% of rated power**	
		Shut-down output voltage, auto recovery after fault condition is removed	
	Over Voltage	**Above Max. Voltage (105% of rated voltage)**	
		Shut-down output voltage, auto recovery after fault condition is removed	
	Over Temperature	**Over 130°C detected on main IC control**	
		Shut-down output voltage, auto recovery after fault condition is removed	
Ambiant	Working Temp. & humidity	"-20°C~+60°C, 20%~90%RH	
	Storage temp. & humidity	"-40°C~+85°C, 10%~95%RH	
Tesings	Withstand voltage	I/P-O/P: 1.5KVAC/1min; I/P-F/G: 1.5KVAC/1min;O/P-F/G: 0.5KVAC/1min;	
	Safety	GB4943 ;IEC60950-1; EN60950-1	
	EMC	EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 EN55035:2017+A11:2020	
	LVD	EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	
Others	Demension(L*W*H)	237.8*59*32.3mm	
	Packing	0.78kg/pcs, 32pcs/25kg/CTN	

Mechanical Structures

■Drawing & Installation Hole

237.8
59
27.5
15.5
6
209.8
32.3

INPUT AC N Blue wire
INPUT AC L Brown wire
GND Green wlre

OUTPUT DC V- Black wire
OUTPUT DC V+ Red wire

Wiring Diagram

1. Without Dimming

AC Power
50/60Hz

INPUT AC N Blue wire
INPUT AC L Brown wire
GND Green wlre

OUTPUT DC V- Black wire
OUTPUT DC V+ Red wire

2. With Dimming

Sensor head: ER, EW , EC, ED, ED(C), EB, EB(C), EM

AC Power
50/60Hz

INPUT AC N Blue wire
INPUT AC L Brown wire
GND Green wlre

OUTPUT DC V- Black wire
OUTPUT DC V+ Red wire

2.4G
CV1

(Optional Accessory)

RF remote
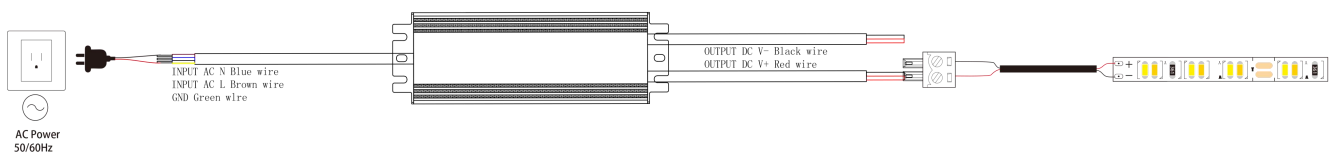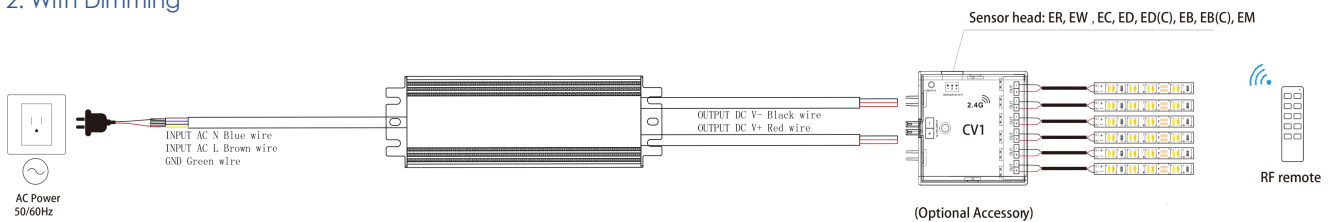
■Outputload VS Temperature

LOAD (%)

100
80
60
40
20

-25 -20 -10 0 10 20 30 40 50 60 70 (HORIZONTAL)

AMBIENT TEMPERATURE (℃)

■Static characteristic

LOAD (%)

100
90
80
70
60
50
40

180 ~ 264VAC
90 ~ 132VAC

90   95   100   105   110   115   120   125   132
180   190   200   210   220   230   240   250   264

INPUT VOLTAGE (VAC) 60Hz
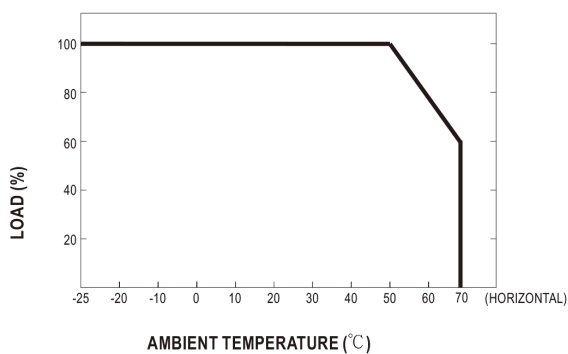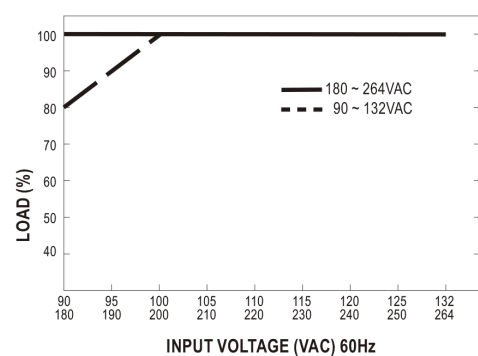
Notes:

1. The above mentioned data were measured at 230VAC input and 25°C.
2. Dis-connect the AC input before checking any mal-phenomenons.
3. Make sure the INPUT&OUPUT were in right situation before connected to power supply.
4. Datesheet for reference only. We suggest you take sampling before mass orders.