SWITCHING POWER SUPPLY

350W@12V | 350W@24V | 350W@48V

SANPU

Features:
- 110/220V 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:
- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting

SELV CE IP20

Specifications

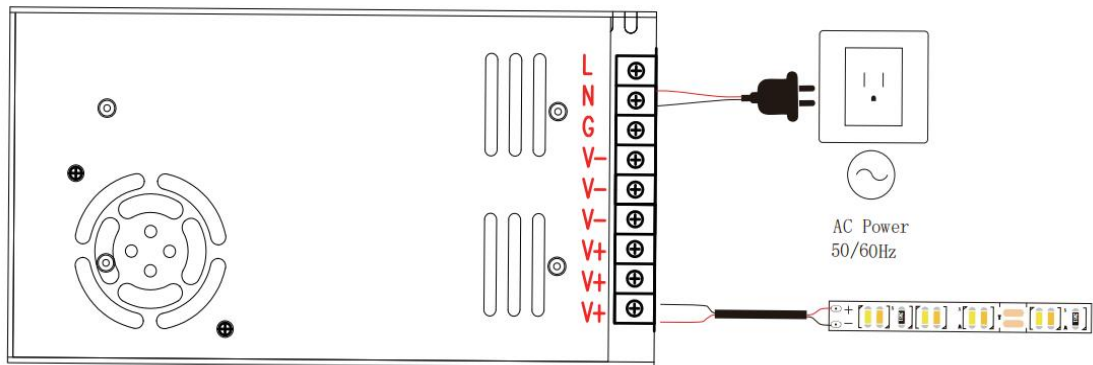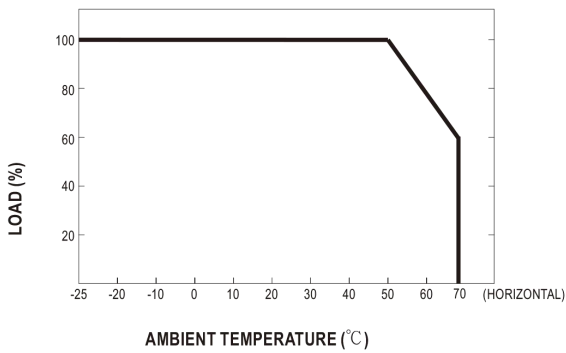|	Product Code	CPS350-H1V12	CPS350-H1V24	CPS350-H1V48
Output	DC Voltage	12V	24V	48V
	Rated Current	29A	14.6A	7.3A
	Current Range	0~29A	0~14.6A	0~7.3A
	Voltage tolerance	±5%	±5%	±5%
	Rated Power	350W	350W	350W
	Ripple & Noise	<120mVp-p	<150mVp-p	<150mVp-p
	Set-up, Rise Time	1500ms, 30ms / 230VAC		
Input	Input voltage range	175-240 VAC		
	Frequency Range	50~60Hz		
	AC Current	6.1A/115VAC 3.05A/230VAC		
	Efficiency	85%	88%	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)	215*105*29.5mm		
	Packing	0.7kg/pcs, 28pcs/20kg/CTN		

Mechanical Structures
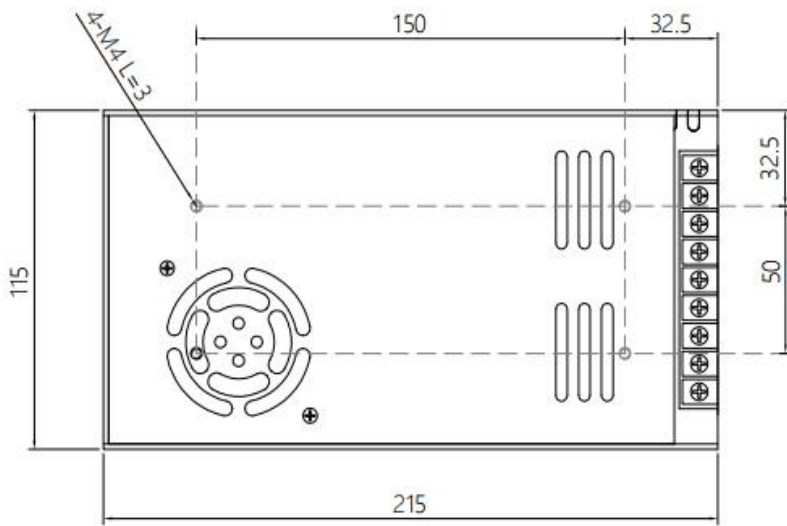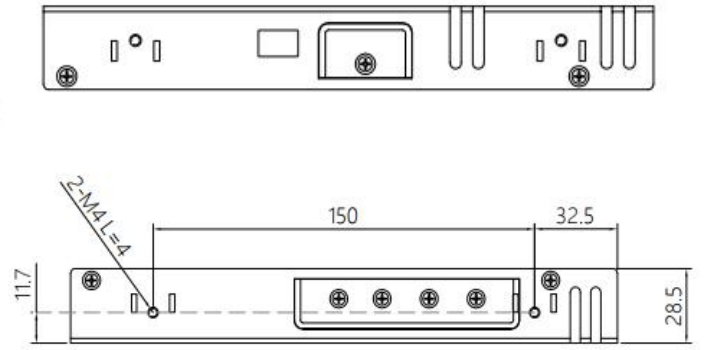
Wiring Diagram

Without Dimming

■Derating Curve

AMBIENT TEMPERATURE (°C)

■Static characteristic

180 ~ 264VAC
90 ~ 132VAC

INPUT VOLTAGE (VAC) 60Hz
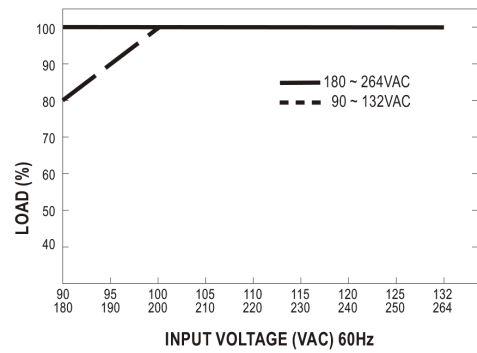
Notes:

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.