

**Features:**

- 175-240V AC input
- 0-10V Dimming & Color Tuning
- Single Output
- 88% high efficiency
- 100% full load bur-in test
- Protection: OTP, OLP, OVP, SCP
- CE ROHS Certified
- 3 year warranty

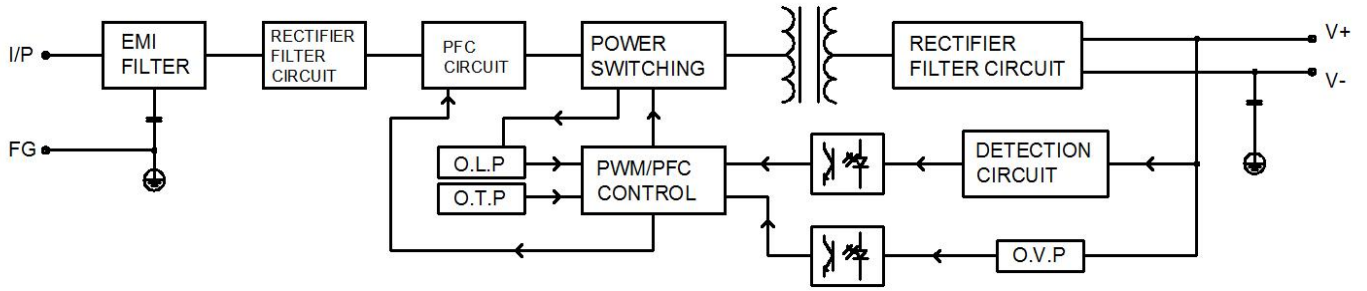
Applications:

- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting

**Specifications**

Product Code		ZNZ250-H1V12	ZNZ250-H1V24	ZNZ250-H1V48
Output	DC Voltage	12V	24V	48V
	Rated Current	20.8A	10.4A	5.2A
	Current Range	0~20.8A	0~10.4A	0~5.2A
	Voltage tolerance	±5%	±5%	±5%
	Rated Power	250W	250W	250W
	Ripple & Noise	<120mVp-p	<140mVp-p	<140mVp-p
	Set-up, Rise Time	1500ms, 50ms, 20ms		
Input	Input voltage range	175-240 VAC		
	Cold start current	40A 230VAC		
	AC Current	1.7A/230V		
	Efficiency	88%	90%	92%
	PFC	≥0.95		
	Quiescent Current	<10mA/240VAC		
Protection	Over Load	More than 95%-120% of the rated power 250W, hiccup mode		
		When the abnormal conditions are lifted, the circuit automatically returns to normal		
	Over Current	Greater than the maximum current, current protection		
		When the anomaly is lifted, the circuit returns to normal		
	Short-circuit	Short-circuit more than 3 times, no damage can be automatically recovered		
	Over Temperature	≥ 85 °C to start the protection		
		the circuit output is normal after the temperature returns to normal		
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	EN61347		
	EMC	EN EN55015 CLASS A		
Others	Demension(L*W*H)/ Packing	385*240*190mm; 0.56kg/pcs, 25pcs/15kg/CTN		

Mechanical Structures



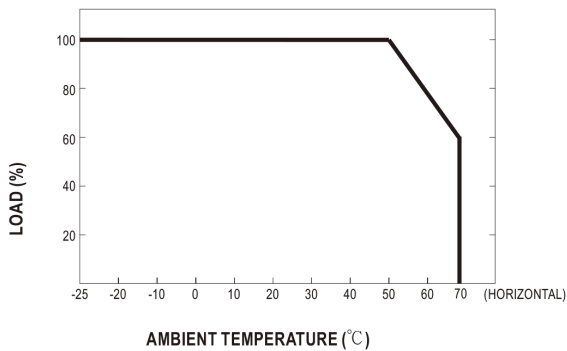
Structures

■ Vertical view

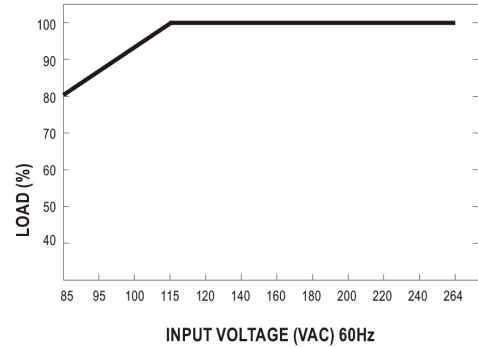
■ Side View



■ Derating Curve



■ Static characteristic



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.