



### Features:

- 100-240V 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:

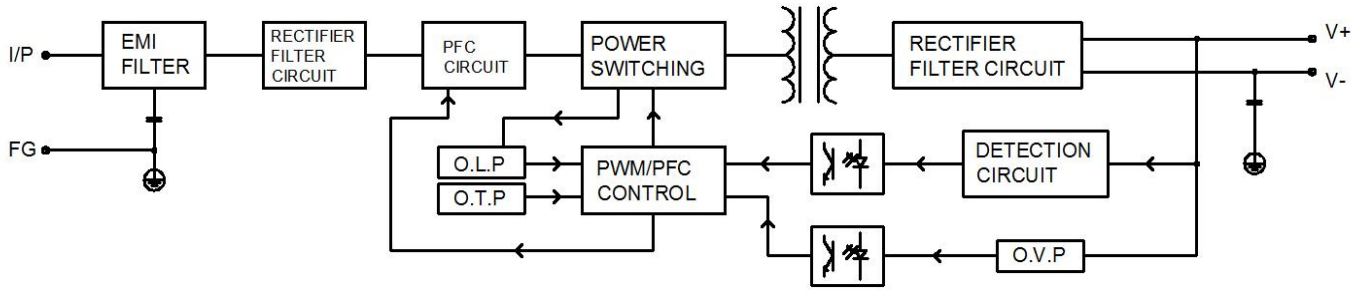
- Indoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting



### Specifications

Product Code		ZNZ150-W1V12	ZNZ150-W1V24	ZNZ150-W1V48
Output	DC Voltage	12V	24V	48V
	Rated Current	12.5A	6.25A	3.125A
	Current Range	0~12.5A	0~6.25A	0~3.125A
	Voltage tolerance	±5%	±5%	±5%
	Rated Power	150W	150W	150W
	Ripple & Noise	<120mVp-p	<140mVp-p	<140mVp-p
	Set-up, Rise Time	1500ms, 50ms, 20ms		
Input	Input voltage range	100-240 VAC		
	Cold start current	30A/35A 230VAC		
	AC Current	1.9A/115V 0.95A/230V		
	Efficiency	87%	88%	
	PFC	≥0.95		
	Quiescent Current	<10mA/240VAC		
Protection	Over Load	<b>More than 95%-120% of the rated power 150W, hiccup mode</b> When the abnormal conditions are lifted, the circuit automatically returns to normal		
	Over Current	<b>Greater than the maximum current, current protection</b> When the anomaly is lifted, the circuit returns to normal		
	Short-circuit	<b>Short-circuit more than 3 times, no damage can be automatically recovered</b>		
	Over Temperature	<b>≥ 85 °C to start the protection</b> 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	315*248*245mm; 0.45kg/pcs, 35pcs/16kg/CTN		

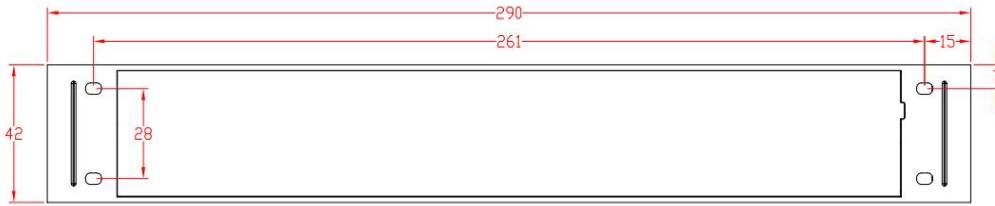
## Mechanical Structures



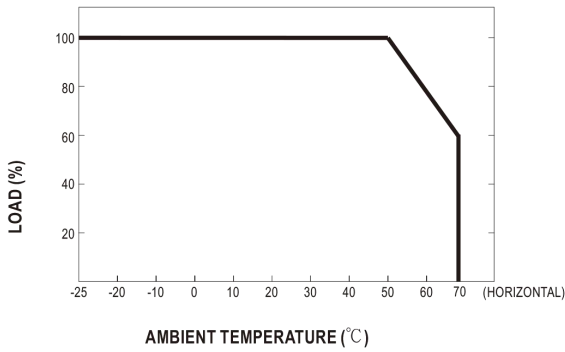
## Structures

■ Vertical view

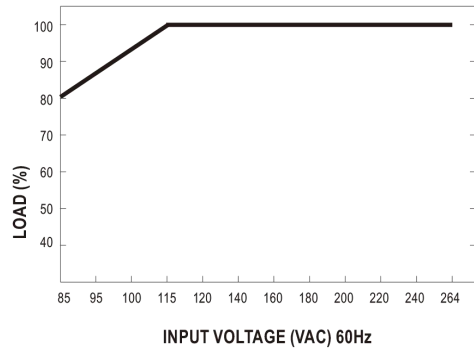
■ Side View



■ 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. Datasheet for reference only. We suggest you take sampling before mass orders.