



Features:

- Small volume, low weight, high efficiency
- Protections: short circuit/over load/over voltage/over temp
- Built-in cooling DC fan
- LED indicator for power on
- Can be used parallel connection
- 100% full load burn-in test
- 2 Years warranty

SPECIFICATION

Dimension: 268 × 131 × 41mm



Model		TLPZ-12-800	TLPZ-15-800	TLPZ-24-800	TLPZ-27-800	TLPZ-36-800	TLPZ-48-800
Output	DC voltage	12V	15V	24V	27V	36V	48V
	Voltage tolerance	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
	Rated current	66A	53A	33A	29.5A	22A	16.5A
	Current range	0 ~ 66A	0 ~ 53A	0 ~ 33A	0 ~ 29.5A	0 ~ 22A	0 ~ 16.5A
	Rated power	792W	795W	792W	796W	792W	792W
	Ripple&noise	200mVp-p	200mVp-p	240mVp-p	240mVp-p	300mVp-p	300mVp-p
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%	-9% ~ +10%	± 10%	± 10%
Setup, rise, hold up time		1000ms, 50ms, 20ms/230VAC					
Input	Voltage range	180 ~ 264VAC 47 ~ 63Hz, 254 ~ 373VDC					
	AC current	16A/115V 8A/230VAC					
	Efficiency	80%	81%	84%	82%	83%	84%
	Inrush current	Cold start 25A/115V 50A/230VAC					
	leakage current	< 3.5mA/240VAC					
Protection	Overload	Rated output power 115% ~ 135% Start overload protection protection type: cutoff output, recovery after restart power					
	Over voltage	15 ~ 16V	18 ~ 19V	27 ~ 29V	33 ~ 35V	43 ~ 45V	56 ~ 58V
	protection type: cutoff output, recovery after restart power						
	Over temperature	≥ 85°C ± 5°C (TSW1 detect on heatsink of power transistor) Protection mode: cutoff output, auto-recovery after temperature become normal					
Environment	Working temp, humidity	-10°C ~ +60°C; 20% ~ 90% RH (Please refer to "derating curve")					
	Storage temp, humidity	-20°C ~ +85°C; 10% ~ 95% RH Non-condensing					
	Withstand vibration	10 ~ 500Hz, 2G 10min./1Cycle, Period for 60min, Each axes					
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC					
	Isolation resistance	I/P-O/P: I/P-FG, O/P-FG: 100M Ohms/500VDC					
Fit standard	Safety standard	Fit EN 62368-1					
	EMC Standard	Fit EN 55032, CLASS A					
Others	Weight	2.5kg 268*131*41 (L*W*H)					
	Packing	2.5kg/4pcs/11kg/0.9CUFT					

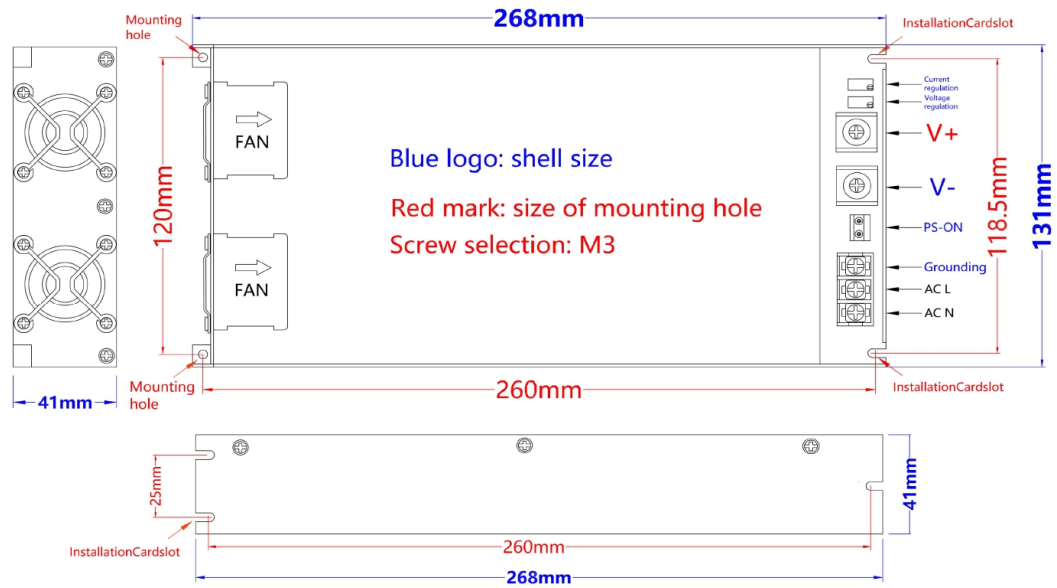
Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.

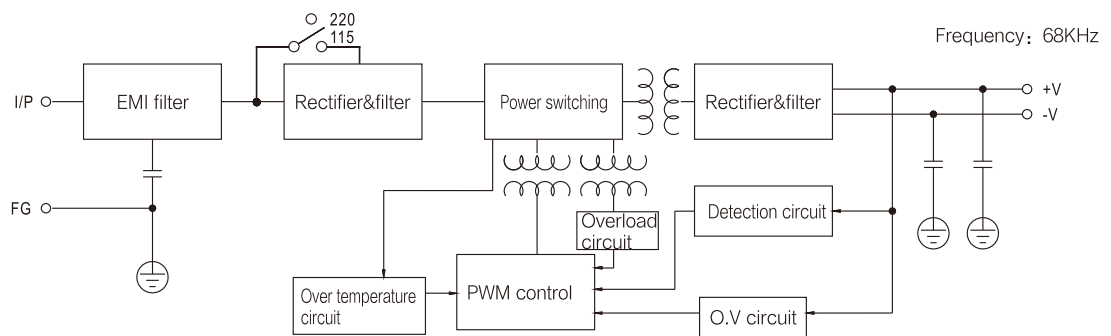
3. Tolerance : includes set up tolerance, line regulation and load regulation.

Mechanical specification

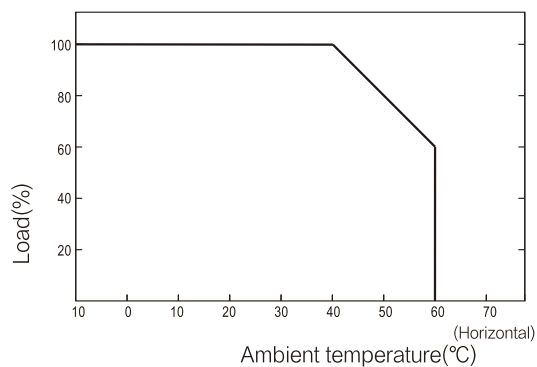
Unit:mm



Block diagram



Derating curve



Static characteristic

