

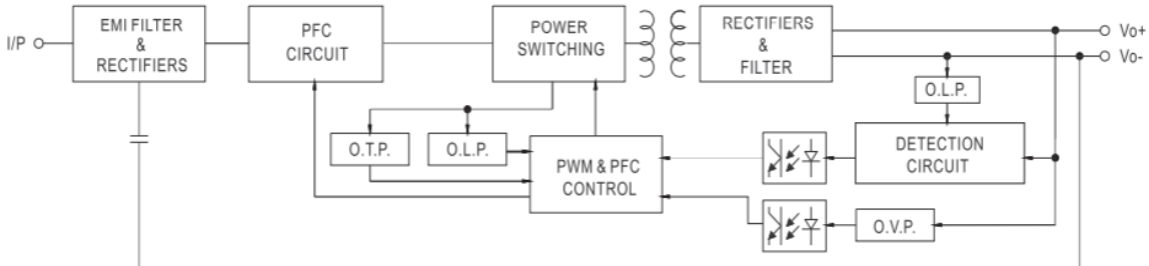

■ Features:

- 100-240V AC input
- PFC active PF >0.95
- Good heat ability
- 100% full load bur-in test
- Protection: OTP,OLP,OVP,SCP
- Intend for LED lightings
- CE ROHS Certified
- 3 year warranty

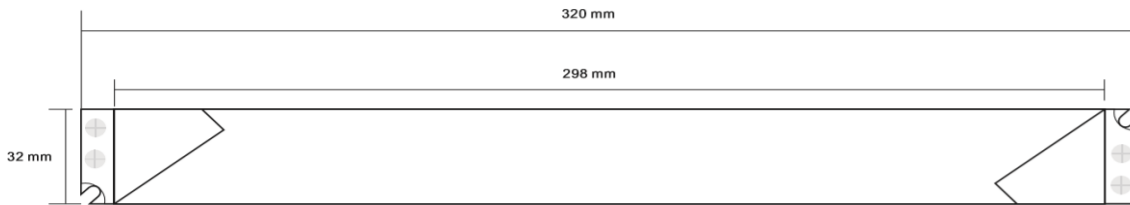
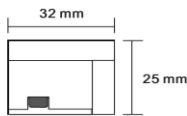
Specifications

	Product Code	CLX100-W1V12	CLX100-W1V24	CLX100-W1V48
Output	DC Voltage	12V	24V	48V
	Voltage tolerance	±5%	±5%	±2%
	Rated Current	8.3A	4.15A	2.2A
	Rated Power	100W	100W	100W
	Max Power	110W	110W	110W
	Ripple & Noise	≤100mVp-p	≤150mVp-p	≤150mVp-p
	Set-up, Rise, Hold-up Time	1500ms, 30ms / 230VAC		
PF	PF ≥ 0.97/115VAC, PF ≥ 0.95/230VAC@full load			
Input	Input voltage range	100-240 VAC		
	AC Current	1.0A / 115VAC;0.5A / 230VAC		
	Efficiency	90%		
	Quiescent current	≤100mA/230VAC		
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 105°C detected by thermal switch sensor 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		
Withstand voltage		I/P-O/P: 3KVAC/1min;		
Tesings	Safety	EN60950-1;EN61347-1;EN61347-2-13		
	EMC	EN55032;EN55015(CISPR15);EN61347 class B EN61000-3-2:2014 EN61000-3-3:2013 EN61000-4-2:2013		
Other	Casing Material	plastic (IP20)		
	Cooling Method	heat-conductive silicone		
	Demension(L*W*H)	320*32*25mm (L*W*H)		
	Weight	0.5kg/40pcs/20kg/CTN		
Note	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.			

■ **Block Diagram**

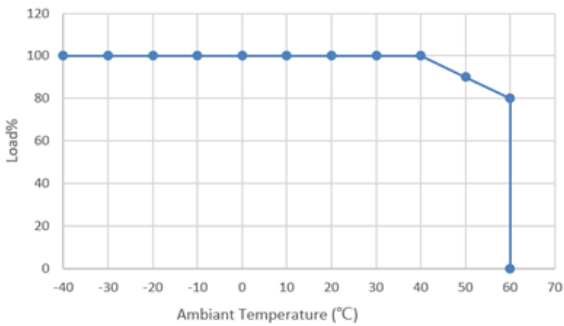


■ **Mechanical Specification**



CLX100-W1V12/CLX100-W1V24

■ **Temperature Derating Curve**



■ **Output Load VS Input Voltage**

