

# LoCa® Guangzhou LongChuang Electronic Technology Co., Ltd

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## Constant Voltage Ultrathin Waterproof IP67 Power Supply FLB-48W



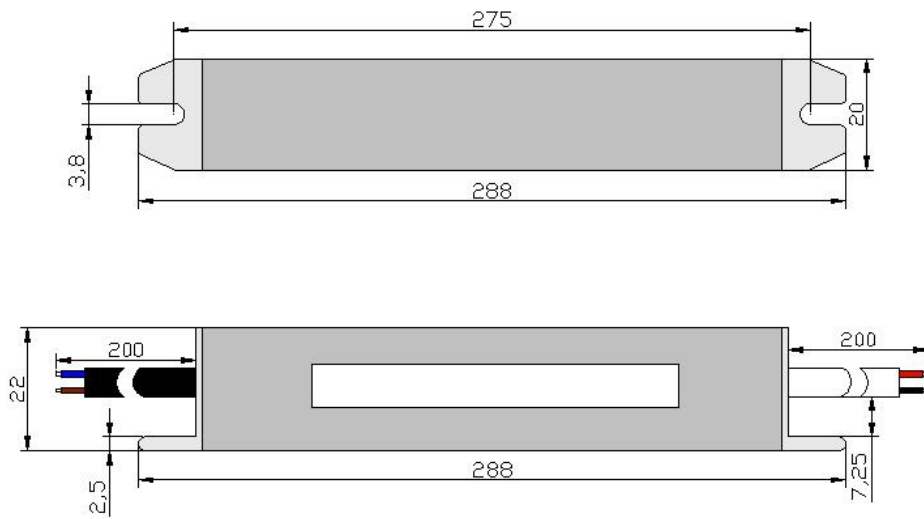
### Features:

1. IP67 Constant Voltage design
2. 100-240VAC input
3. Withstand 300VAC surge input for 5seconds
4. Protections: Short circuit/Over load/Over current
5. Cooling by Convection or Forced air
6. 100% full load burn-in test
7. High Reliability

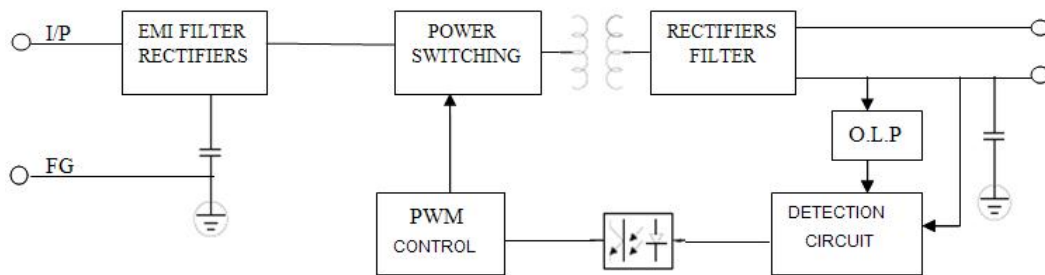


SPECIFICATION		FLB-48W12V4A	FLB-48W24V2A
OUTPUT	Rated DC voltage	12V	24V
	Rated current	4A	2A
	Current range	0-4A	0-2A
	Rated Power	48W	
	Voltage tolerance	12±0.5V	24±0.5V
	Ripple & Noise	≤120mVP-P	≤240mVP-P
	Load regulation	±2%	
	Setup, Rise time	50ms/230VAC	
	Hold up time	20ms/230VAC	
INPUT	Voltage range	100-240VAC	
	Frequency range	47-63HZ	
	Efficiency(Tpy.)	>83%	>85%
	Leakage current	0.25mA/230VAC	
PROTECTION	Over Current	110%-150%	
	Reset After Shutdown	Protection type: Hiccup mode at after the fault has been removed	
ENVIRONMENT	Working TEMP.	-25°C-40°C	
	Storage TEMP.	-40°C-80°C	
	Working Humidity	From 10%to90% relative humidity (non-condensing)	
	Vibration	10-500HZ,2G 10min/1cycle,preiod for 60min,each along X,Y,Z axes	
	TEMP. coefficient	±0.03%°C (0-50°C)	
SAFETY&EMC	Safety Standards	Design refer to LVD EN61347-2-13:2006,EN61347-1:2008	
	With stand Voltage	I/P-O/P:3KVAC,I/P-COVER:3KVAC,O/P-COVER:500VAC	
	Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25°C/70% RH	
	EMC	EN55015:2006/A2:2009,EN61000-3-2:2006/A2:2009,EN61000-3-3:2008,EN61547:2009	
OTHERS	MTBF	50KHours (25°C)	
	Dimension	288*20*22mm(L*W*h)	
	Weight	220g	

**Configuration dimensions(Unit:mm)**



**Circuit diagram:**



**Diagram:**

