

PREPARED BY:

PROJECT:

TYPE:



120 WATT POWER SUPPLIES



FEATURES

- Output constant voltage
- Built-in PFC function
- Protections: short circuit/ over voltage/ over heat
- Cooling by free air convection
- Flicker-free
- Work with leading edge & trailing edge triac dimmers
- Class 2, Class P, Type HL, CE, UL, FCC compliant
- PWM output, does not change the color index
- Metal housing
- Suitable for dry location
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lightings.
- Compatible with Forward phase, Reverse phase, Triac, MLV, ELV Dimmers
- 3 years warranty

SPECIFICATIONS

• Wattage	120W	• Dimming Range	0~100%
• Input Voltage	AC 100-277V	• Weight	2.9 lb
• PF	>0.97	• Dimensions	8.66" x 3.6" x 1.61" (220mm x 93mm x 41mm)
• Efficiency	>87%		

ORDERING GUIDE

Model	Dimming	Voltage	Current	Load Regulation
LB55483	Dimmable	12V	10A	2±
LB55470	Dimmable	24V	5A	1±
LB55450	Non- Dimmable	24V	5A	1±

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OUTPUT	Voltage	12V	24V
	Voltage Accuracy	±0.5V	
	Voltage Regulation	±0.5%	
	Rated Current	10.00A	5.00A
	Load Regulation	±2%	±1%
	Rated Power	120W	
INPUT	Voltage Range	100-277V AC	
	Frequency Range	47~63HZ	
	Power Factor (Typ.)	0.99@120VAC 0.96@277VAC	0.98@120VAC 0.96@277VAC
	Full Load Efficiency (Typ.)	>80%@120V, >84%@277VAC	>85%@120V, >88%@277VAC
	AC Current (Typ.)	1.71A/100VAC	
	Leakage Current	<0.50mA	
PROTECTION	Over Voltage	≤140VAC(100~130V), ≤285VAC(170~277V)	
ENVIRONMENT	Working Temperature	-40~+60°C	
	Working Humidity	20~90%RH, non-condensing	
	Storage Temp. Humidity	-40~+80°C, 10~95%RH	
	Temp. Coefficient	±0.03%/°C (0~50°C)	
	Vibration	10~500Hz, 2G 10min./1 cycle, period for 60min. each along X,Y,Z axes	

