



120W LED ELECTRONIC DRIVER

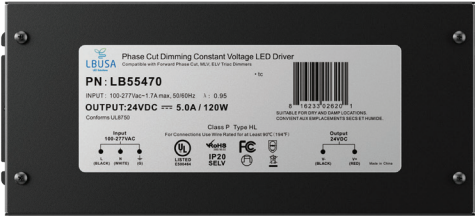
POWER SUPPLIES

PROJECT:

PREPARED BY:

DATE:

TYPE:



FEATURE

- 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

PERFORMANCE

• 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"
• Efficiency	>87%		(220mm x 92 mm x 41mm)

ORDERING GUIDE

Model	Dimming	Output Voltage	Wattage	Rate Current	Load Regulation
LB55483	Dimmable	12V	120W	10A	2±
LB55470	Dimmable	24V	120W	5A	1±
LB55450	Non-Dimmable	24V	120W	5A	1±





120W LED ELECTRONIC DRIVER

POWER SUPPLIES

PROJECT:

PREPARED BY:

DATE:

TYPE:

SPECIFICATION CHART

	Voltage	12V	24V
Output	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
Output	Full Load Efficiency (Typ.)	>80%@120V, >84%@277VAC	>85%@120V, >88%@277VAC
	AC Current (Typ.)	1.71A/100VAC	
	Leakage Current	<0.50mA	
	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	

120W LED ELECTRONIC DRIVER

POWER SUPPLIES

PROJECT:

PREPARED BY:

DATE:

TYPE:

DIMMING AND CONNECTING DIAGRAM

