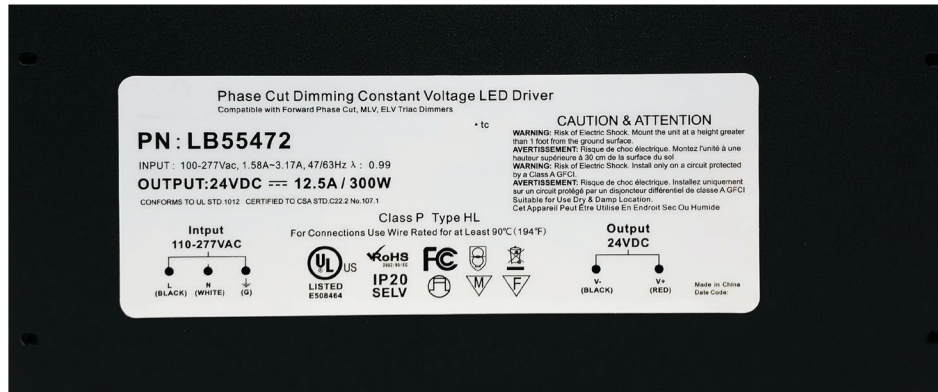




300 WATT POWER SUPPLIES DRIVERS



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	300W	• Dimming Range	0~100%
• Input Voltage	AC 100-277V	• Weight	4.2 lb
• PF	>0.99	• Dimensions	10.94" x 4.25" x 1.81"
• Efficiency	>87%		(278mm x 108mm x 46mm)

ORDERING GUIDE

Model	Dimming	Voltage	Current	Load Regulation
LB55487	Dimmable	12V	25.0A	2±
LB55472	Dimmable	24V	12.5A	1±
LB55452	Non- Dimmable	24V	12.5A	1±



300 WATT POWER SUPPLIES DRIVERS

	Voltage	12V	24V
OUTPUT	Voltage Accuracy	±0.5V	
	Voltage Regulation	±0.5%	
	Rated Current	25.0A	12.5A
	Load Regulation	±2%	±1%
	Rated Power	300W	
INPUT	Voltage Range	100-277V AC	
	Frequency Range	47~63HZ	
	Power Factor (Typ.)	0.98@120VAC 0.97@277VAC	0.98@120VAC 0.97@277VAC
	Full Load Efficiency (Typ.)	>88%	
	AC Current (Typ.)	3.4A/110VAC	
	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	

