

PREPARED BY:

PROJECT:

TYPE:



300 WATT 0-10V

POWER SUPPLIES



FEATURES

- Output constant voltage
- Built-in PFC function, PF>0.9
- Range 100-305VAC , Typical: 100-277VAC
- Protections: short circuit / over current / over voltage / over temperature
- Cooling by free air convection
- IP20
- Dimming: 0-10V/1-10V / Potentiometer/10V PWM 4 in 1
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting
- Suitable for dry/damp locations
- Dimming range: 0-100%
- Load: 10-100%
- 3 years warranty

SPECIFICATIONS

• Wattage	300W	• Dimming Range	0~10V
• Input Voltage	AC 100-277V	• Weight	4.2 lb
• PF	>0.95	• Dimensions	10.23" x 4.05" x 1.81"
• Efficiency	>88%		(260mm x 103mm x 46mm)

ORDERING GUIDE

Model	Dimming	Voltage	Current	Load Regulation
LB55516	Dimmable	24V	12.5A	2±



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OUTPUT	Voltage	24V
	Voltage Regulation	±0.5%
	Rated Current	12.5A
	Load Regulation	±2%
	Rated Power	300W
INPUT	Voltage Range	100-277V AC
	Frequency Range	47~63HZ
	THD	<20%
	Power Factor (Typ.)	0.98/120V 0.95/277V
	Full Load Efficiency (Typ.)	83%/120V 86%/277V
	AC Current (Typ.)	1.3A@100VAC
	Leakage Current	<0.5mA
PROTECTION	Short Circuit	shut down o/p voltage, re-power on to recover after fault condition is removed
	Over Loading	≤120% constant current limiting, auto-recovery
	Over temperature	100°C±10°C shut down o/p voltage, automatically recover after cooling.
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