

LED Driver

AC to DC Switch Power Supply 15 Watts

B12 Series - Preliminary

Features :

- Design for HB-LED Lighting Applications
- DC Output with Constant Current
- With dimming Control (AC Step on/off)
- Indoor dry Location only
- Convection Cooled in plastic housing
- Meet UL1310 Class 2, CE
- RoHS Compliant
- Two Years Warranty

Specifications :

AC Input : 110Vac or 220Vac / 0.3~0.15A / 47~63Hz	Operation Temp. : -30°C ~ +60°C , Tc : 90 °C
Input Inrush Current : <10A/115Vac, <20A/230Vac	Storage Temp. : -40°C ~ +85°C
Power Factor : >0.92 at full load, 115Vac, 230Vac	MTBF(@25°C) : >100,000 Hours, MIL-217F
Current Crest Factor (Ipk) : 1.5 Max.	Safety Compatibilities: UL1310 Class 2,
Total Harmonic Distortion : 20% Max.	Electromagnitec Compatibilities EN55015, EN61547,
Efficiency : 82% - 87% Typical	EN61347-2-13, EN61000-3-2, EN61000-3-3, FCC Class B
Protection : OCP, SCP, OVP - Auto Recovery	Dimension : 58(R), 68(L)mm circular design

Model Listing :

Model	DC Output (Vf) Forward Voltage	DC Output (Max.) Constant Current	Watts Max.	Model	DC Output (Vf) Forward Voltage	DC Output (Max.) Constant Current	Watts Max.
B12E27-112-C1300	8 ~ 12V	1300mA	15.6W	B12R58-112-C1300	8 ~ 12V	1300mA	15.6W
B12E27-212-C1300	8 ~ 12V	1300mA	15.6W	B12R58-212-C1300	8 ~ 12V	1300mA	15.6W
B12E27-124-C0700	13 ~ 24V	700mA	16.8W	B12R58-124-C0700	13 ~ 24V	700mA	16.8W
B12E27-224-C0700	13 ~ 24V	700mA	16.8W	B12R58-224-C0700	13 ~ 24V	700mA	16.8W

Model Information :

B12EEE- YXX- Cnnnn - DDDD

B12 = B12 series , EEE = E27 and R58 Typ

Y = 1 (110Vac), 2 (220Vac)

XX = 12 , 24 (Forward Voltage)

Cnnnn = Constant Current Limit.

DDDD =(Optional or blank)For dimming function .

1631 = T1:100%, T2:65%, T3:35%, T4: 10% Lighting (on/off timing 1.5 Sec.).

1752 = T1:100%, T2:75%, T3:50%, T4: 25% Lighting (on/off timing 1.5 Sec.).

Mechanical Drawing :

