

B12 Series

AC to DC Switch
Power Supply
15 Watts

■ AC to DC Switch Power Supply 15 Watts



Applications

LED Signage
LED Architectural Lighting
LED Industrial Lighting
LED Bulb

Features

Design for Bulb Lighting with E27 Connector
DC Output with Constant Current
With dimming Control (Switch on/off)
Indoor Use for Dry, Damp Location

Convection Cooled in plastic housing
Meet UL1310 Class 2,CE
Compliant RoHS
Two Years Warranty

UL[®] CE FC IP66

Specifications

AC Input : 110Vac or 220Vac / 0.3-0.15A / 47-63Hz	Operation Temp. : -30°C ~ +50°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(@50°C) : >30,000 Hours, MIL-217F
Current Crest Factor (Ipk) : 1.5 Max.	Safety Meet : UL1310 Class 2,
Total Harmonic Distortion : 20% Max.	Meet : EN55015, EN61547, EN61347-2-13
Efficiency : 82% Typical	EN61000-3-2, EN61000-3-3, FCC Class B
Protection : OCP, SCP, OVP, OTP(CC) - Auto Recovery	Dimension : 58(R), 68(L)mm or 58(R), 32(L)mm

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 ± 5%	15.6W	B12R58-112-C1300	8 ~ 12V	1300mA ± 5%	15.6W
B12E27-212-C1300	8 ~ 12V	1300mA ± 5%	15.6W	B12R58-212-C1300	8 ~ 12V	1300mA ± 5%	15.6W
B12E27-124-C0700	13 ~ 24V	700mA ± 5%	16.8W	B12R58-124-C0700	13 ~ 24V	700mA ± 5%	16.8W
B12E27-224-C0700	13 ~ 24V	700mA ± 5%	16.8W	B12R58-224-C0700	13 ~ 24V	700mA ± 5%	16.8W
B12E27-128-C0500	15 ~ 28V	480mA ± 5%	14W	B12R58-128-C0500	13 ~ 28V	480mA ± 5%	14W
B12E27-228-C0500	15 ~ 28V	480mA ± 5%	14W	B12R58-228-C0500	13 ~ 28V	480mA ± 5%	14W

Model Information

B12EEE- YXX- Cnnn - DDDD
B12 = B12 series, EEE = E27 or R58 Type
Y = 1 (110Vac), 2 (220Vac)
XX = 12, 24 (Forward Voltage)
Cnnn = Constant Current Limit.

DDDD =(Optional or blank)For Switch Dimming .
1752 = T1:100%, T2:75%, T3:50%, T4: 25% Lighting
(on/off -Swift in 1.5 Sec.).

Mechanical Drawing

