



POWER SUPPLIES

BYG-60B-12

Features

- Constant voltage output
- Indoor use only
- Life time : >10,000h
- Australian input voltage of range 220~240VAC
- Short circuit / Over temperature / Over voltage / Over load protection
- Operating Temperature: -10°C ~ +40°C
- 1 Year Warranty.

Application

- Suitable for Industrial LED lighting.

Specification

Model	Item Code	Output Voltage(V)	Output Power(W)	Output Current(A)
BYG-60B-12	BT 2A11	12V	60W	5A
BYG-60B-24	BT 2A21	24V	60W	2.5A

Certification

SELV CE IP20 RoHS

Warranty

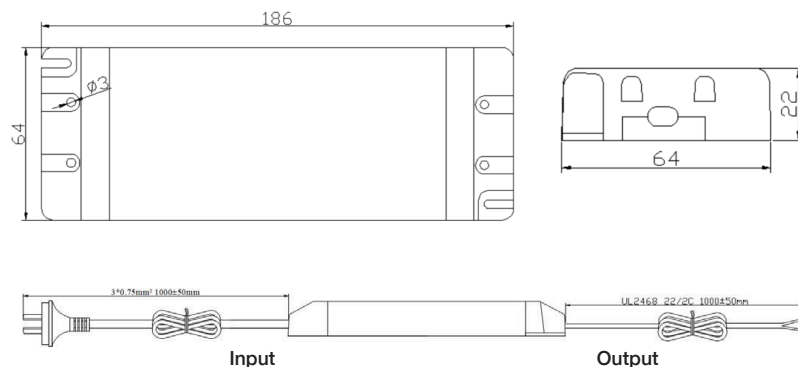
Warranty 1 year

Electrical Specifications

Model		BYG-60B-12	BYG-60B-24
Input	Input voltage(V)	230	230
	Voltage range(Vac)	220-240	220-240
	Input frequency(Hz)	50	50
	Efficiency	≥ 85.75%	≥ 85.75%
	Standby consumption(W)	< 0.5	< 0.5
	Power factor	< 0.9	< 0.9
Output	Output voltage(V)	12	24
	Output current(A)	5	2.5
	Output power(W)	60	60
Protection	Over voltage protection	105%-150% Protection type : Auto restore	
	Short circuit protection	Protection type : Auto restore	
	Over temperature protection	Protection type : Auto restore	
	Over load protection	Protection type : Auto restore	
Environment Life	Operating Temperature(°C)	-20°C ••• +50°C	-20°C ••• +50°C
	Tc max.(°C)	85	85
	Storage Temperature(°C)	-30°C ••• +60°C	
	Ambient humidity range	20% ••• 90%RH	
	Life-time(hrs)	>10,000h	>10,000h
Safety & EMC	Approval	TUV mark,TUV, EMC, ENEC, UL	
	Safety stands	IEC61347-1, IEC61347-2-13	
	EMI	IEC55015	
	EMS	IEC61547	
Other	IP grade	IP20	
	Casing material	Plastic	
	AC input	3*0.75mm ²	
	DC output	UL2468, 18/2C	

*All parameters NOT specially mentioned are measured at rated input or max rated input, and 25°C of ambient temperature.

Physical Characteristics



Item Dimension (L x W x H)

Dimensions(L* W * H) mm	186 * 64 * 22
Weight	884g

Warnings & instructions

Warnings :

1. Keep out of reach of children.
2. Keep away from flammable materials and heat sources.
3. Only use as a power supply for 12V LED products.
4. Risk of electric shock : Do not attempt to open or touch internal components.
5. Do not expose to rain or moisture - Dry location use only.
6. Fixture and converter become hot during use, Do not cover.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

Instructions :

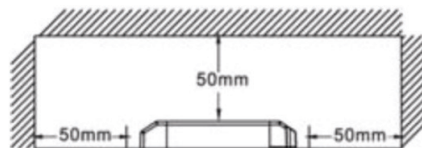
This driver is designed to provide a constant supply of voltage for LED products. A protective switch cuts power when a short circuit issue occurs, as well as in the case of overloading & overheating. After correcting faults, the driver should work again.

Procedure :

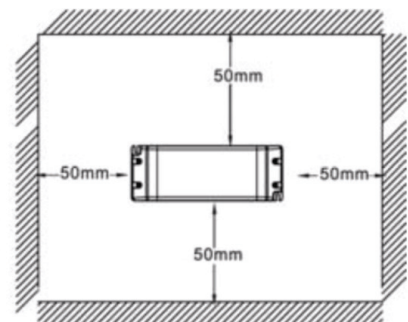
1. Ensure all power switches are turned off.
2. Connect LED product to the driver, ensuring correct polarity.
3. Turn power on.

Safety clearance for installation purposes :

The distance between the power supplies and the surfaces around must be min.50mm.



Must be installed by a licensed electrician



Warnings & instructions

Meaning of crossed-out wheelie bin :

- Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
- Contact your local government for information regarding available collection systems.
- If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
- When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposals at least free of charge.

