



Product Description

Low Voltage LED Bulb

Low voltage E27 led bulb is generally used at 12V and 24V, supporting 12V/24V DC input. They can be directly connected to solar panels, vehicle power supplies or battery systems, and are suitable for special scenarios such as camping, RVs, and off-grid power supply. Low-voltage LED bulbs take safety voltage as the core, expanding the application boundaries of LEDs in special environments. They are particularly suitable for damp and vibrating places, new energy power supply systems, and high-end decorative lighting, and are a safe alternative to traditional high-voltage LEDs and halogen lamps.

Advantage

- Safety in use

Low voltage LED globes adopt a safe voltage of 12V/24V (far lower than the safe voltage for the human body of 36V), is flexible to use, and can be applied in some lamps and electrical appliances.

- Energy saving

The low-voltage drive solution reduces voltage conversion losses, energy efficiency is increased by 5% to 10% compared to traditional lamps.

- High Lumen

Low voltage light bulbs 12 volt utilize high-brightness LED chips to deliver superior lumen output, ensuring both brilliant illumination and eye comfort, while also offering an extended lifespan.

- Good heat dissipation

The heat generation of the low-voltage driver chip is reduced by more than 40%, combined with an aluminum substrate heat dissipation structure of low voltage LED globes.

- Long lifespan

Low voltage E27 LED bulb typically offer a lifespan of 15,000 hours - significantly longer than traditional incandescent or halogen bulbs.

- Easy to install

Low voltage light bulbs 12 volt with E27/B22 screw socket, which is the most common bulb interface, The installation is very convenient.

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Feature

- ✓ Unique shape design
- ✓ High Brightness SMD LED Chips
- ✓ Eco-friendly
- ✓ Eye protection
- ✓ Easy to install, E27/B22 standard base option
- ✓ Long Lifetime

Application

The low-pressure feature allows it to be embedded in poorly ventilated Spaces such as cabinets and ceilings, avoiding safety hazards caused by high temperatures.

Solar Light Fixture	Restaurant Car	Night market
		

Model	Power	Lumen	Color Temperature	Size	Base	Beam Angle	CRI	Voltage
LED-A60 24V	7W	560	3000K/4000K/6500K	60*110	E27/B22	220°	≥80	110 / 230V
LED-A60 24V	5W	400	3000K/4000K/6500K	60*110	E27/B22	220°	≥80	110 / 230V
LED-A60 12V	7W	560	3000K/4000K/6500K	60*110	E27/B22	220°	≥80	110 / 230V
LED-A60 12V	5W	400	3000K/4000K/6500K	60*110	E27/B22	220°	≥80	110 / 230V