

12V DC LED Bulb for DIY and Off-Grid Applications

This 12V DC LED bulb is designed for energy-conscious users, providing high-quality lighting for various applications, including DIY projects and off-grid living. It features high energy efficiency, flicker-free operation, and UV protection.



Product Overview

High-Efficiency 12V DC LED Lighting

Designed for energy-conscious users, these 12V DC LED bulbs provide reliable, high-quality illumination for a variety of off-grid and specialized applications. They are ideal for solar-powered homes, boats, caravans, and remote outbuildings. Featuring flicker-free operation and UV protection, these bulbs offer a long service life with minimal light attenuation, ensuring consistent performance for DIY and professional setups.

Technical Specifications

IP Rating

IP20

Input Voltage

10-18V DC

Lamp Holder Type

E27

Beam Angle

120 °

Performance Metrics

Key Performance Metrics

30000 Hours

Service Life

80 %

CRI (Ra)

47 g

Weight

Color Temperature

5500K - 6700K (Pure White)

Model Comparison

Model Specifications

Model	Power	Flux	Current
SY-LA01D/LP01D	1.2W	108Lm	115mA
SY-LA03D/LP03D	3W	270Lm	290mA
SY-LA05D/LP05D	5W	450Lm	485mA
SY-LA07D/LP07D	7W	630Lm	675mA

Applications

Suitable For

Solar Homes, Boats & Barges, Caravans, Off-Grid Living, Workshops, Farm Outbuildings