

12V Sealed Lead-Acid Battery for Solar and Energy Storage

This 12V sealed lead-acid battery utilizes a high-purity tin lead alloy and electrolyte for low self-discharge. It is suitable for solar energy storage systems and provides reliable performance in a wide range of temperatures.



Overview

High-Performance Sealed Lead-Acid Battery

This 12V sealed lead-acid battery is engineered for reliability in solar and energy storage systems. Utilizing high-purity tin-lead alloy and ultra-pure electrolyte, it offers low self-discharge rates and excellent recovery performance after deep discharge. Its robust design ensures stable operation in demanding environments, making it an ideal choice for solar street lights, garden lighting, and wind power generation.

Performance

Operating Temperature Range	-30 to 45 °C
Optimum Working Temperature	25 °C
Key Features	Low Self-Discharge, High-Purity Tin-Lead Alloy, Waterproof Design, Enhanced Low-Temperature Performance

Applications

Recommended Applications

- Solar energy storage systems
- Solar street lights
- Garden lights
- Wind power generation systems

Technical Specifications

Model Specifications

Capacity (Ah)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Terminal
14	151	97	100	4.4	F2
17	180	76	167	5.9	F3
24	175	166	125	8.1	F2
33	196	131	172	10.5	F5-B

Nominal Voltage	12 V
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