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Product Name :

Battery, Gel-Cell, 12V/115Ah

Product Code :

SLE/CME/02



Description :

Battery, Gel-Cell, 12V/115Ah (Product Code: SLE/CME/02) is a sealed, maintenance-free lead-acid gel battery used to store energy in solar power systems and provide backup power for communication and cold chain equipment at off-grid sites. It is deep-discharge protected, recharges rapidly and has low self-discharge for long storage. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a laboratory equipment exporter from India that also supplies off-grid power components.

Specifications

Parameter	Detail
Type	Sealed lead-acid gel cell, maintenance-free
Voltage / capacity	12V / 115Ah
Self-discharge	Low self-discharge current, allowing a long (24 months) shelf life capability
Protection and charging	Deep-discharge protected; rapid recharge ability
Estimated weight	40.3 kg
Estimated dimensions	28 x 27 x 23 cm
Estimated volume	0.017 cbm
Product code	SLE/CME/02
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 12V 115Ah Gel-Cell Battery Used For?

The battery stores energy in off-grid solar installations so that radios, lighting and other equipment keep running at night or in cloudy weather, and it acts as a backup supply where the grid is unreliable. As a sealed, maintenance-free gel cell it needs no topping up with water, which suits remote sites that a technician visits only occasionally.

Deep-discharge protection and rapid recharge ability help it cope with the daily cycle of solar charging and night-time use. At an estimated 40.3 kg it should be lifted by two people and installed on a firm, ventilated base or in a battery box, and its low self-discharge lets stores hold it for up to 24 months before installation.

What to Specify When Ordering

- The model: Battery, Gel-Cell, 12V/115Ah (SLE/CME/02).
- The number of batteries needed for your battery bank.
- The solar system or charge controller it will join, so suitability can be confirmed.
- The delivery location; each battery has an estimated shipping volume of 0.017 cbm for freight planning.

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