

2V 800Ah Lead Carbon Battery for Energy Storage

This lead-carbon battery is designed for energy storage applications. It features a nominal capacity of 800Ah at 2V when discharged over 10 hours to 1.80 VPC at 77°F (25°C).



ADDITIONAL IMAGES



Overview

High-Performance Energy Storage

This 2V 800Ah lead-carbon battery is engineered for demanding energy storage applications, leveraging advanced carbon technology for deep cycle performance. It offers an exceptional 15-year design life and is capable of over 4000 cycles at 60% Depth of Discharge (DOD). Designed for rapid charging and large discharge performance, it is an ideal solution for renewable energy systems and grid stabilization.

Key Metrics

Nominal Capacity

2 V

Voltage

800 Ah

Capacity

Cycle Life

4000 cycles

Design Life

15 years

Technical Specifications

Operating Parameters

Parameter	Value/Range
Discharge Condition	10 Hours to 1.80 VPC at 25°C
Cycle Use Voltage	2.30 - 2.45 VPC at 25°C
Connection Torque	11 - 14.7 Nm

Applications

Primary Applications

- Solar and Wind Energy Storage
- Peak Load Shifting
- Load Tracking
- Smart Grid and Micro-grid Systems
- Mobile Container Storage

Safety

Safety Precautions

Risk of Fire, Risk of Explosion, Risk of Burns, Do Not Disassemble, Do Not Incinerate