

800Ah 2V Lead Carbon Battery

This 2V lead carbon battery features a nominal capacity of 800Ah when discharged over 10 hours to 1.80 VPC. It is designed for cycle applications with a recommended voltage of 2.30 to 2.40 VPC at 77°F (25°C).



ADDITIONAL IMAGES



Overview

High-Performance Energy Storage

This 2V lead-carbon battery is engineered for demanding energy storage applications, combining advanced carbon and deep cycle technologies. With a design life of 15 years and a cycle life exceeding 4000 cycles at 60% depth of discharge, it offers exceptional longevity and reliability. Its optimized design ensures superior charge acceptance and rapid discharge performance, making it an ideal choice for renewable energy systems and smart grid infrastructure.

Technical Specifications

Nominal Capacity

800 Ah
Capacity

Nominal Voltage	2 V
Design Life	15 years
Cycle Life	e4000cycles @ 60% DOD (25°C)
Connection Torque	11 - 14.7 Nm

Operational Parameters

Cycle Use Voltage	2.30 - 2.45 VPC @ 25°C
Discharge Conditions	10-hour rate to 1.80 VPC @ 25°C

Applications

Primary Applications	Solar Energy Storage, Wind Energy Storage, Peak Load Shifting, Smart Grid, Micro-grid Systems, Mobile Container Storage
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Safety

Handling Precautions

- Risk of fire, explosion, or burns
- Do not disassemble
- Do not heat above 60°C
- Do not incinerate