

12V Front Terminal Lead-Acid Battery for Solar Power

This 12V front terminal lead-acid battery is designed for solar power systems. It features a low self-discharge rate and stable quality.



Overview

FT Series Front Terminal Battery

The FT Series is a specialized front terminal lead-acid battery designed for high-reliability telecom and solar power applications. Its narrow structure is optimized for 19" and 23" cabinet installations, featuring a centralized venting system and improved AGM separator technology. With a 12-year design life and wide operating temperature range, it provides a stable, long-lasting energy storage solution.

Performance Metrics

Key Performance Metrics

12 years

Design Life

3 %/month

Self-Discharge Rate

99 %

Sealed Reaction Efficiency

Technical Specifications

Electrical Parameters

- Voltage: 12V
- Capacity Range: 55Ah - 260Ah
- Operating Temperature: -20°C to 60°C

Design Features

Front Terminal Access, Centralized Venting, Narrow Structure, Flame Arrester Equipped, Double Terminal Sealing

Material Composition

Internal Components

| Component | Material |
|-----------------|---------------|
| Positive Plate | Lead Dioxide |
| Negative Plate | Lead |
| Container/Cover | ABS |
| Separator | AGM |
| Electrolyte | Sulfuric Acid |
| Safety Valve | Rubber |
| Terminal | Copper |