

# 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