

12V 100A/C Pure Lead Battery

This 12V 100A/C pure lead battery is designed for long standby life. It is suitable for applications requiring reliable and long-lasting power, such as renewable energy systems.



ADDITIONAL IMAGES



Product Overview

High-Performance Pure Lead Battery

The PLH 100FT is a premium 12V 100Ah pure lead battery engineered for exceptional reliability and a 20-year floating charge design life. Utilizing advanced TPPL technology, it delivers high specific energy and power while maintaining excellent performance across a wide temperature range of -40°C to 65°C. Designed for critical infrastructure, it offers low self-discharge rates and non-spillable construction for maximum safety.

Technical Specifications

Capacity Metrics

100 Ah

Capacity (1.80Vpc @ 25°C)

100 Ah

Capacity (1.75Vpc @ 25°C)

Nominal Voltage

12 V

Terminal Torque

8 N-m

Operational Parameters

Float Charge Recommendations

Temperature	Voltage Setting
20°C	2.29V/pc
25°C	2.27V/pc

Operating Temperature Range

-40°C to 65°C

Certifications & Safety

Compliance

ISO9001, ISO14001, Non-Spillable, CE

Applications

Recommended Use Cases

- Telecommunications
- Uninterruptible Power Supply (UPS)
- Emergency backup power
- Alarm and security systems
- Railway signals
- Solar photovoltaic systems