

Battery Online Monitoring System

This is an online management device specifically designed for online testing and monitoring of battery packs. It can detect and monitor in real time, collect data in real time, test regularly, and supervise in real time.



Product Overview

Comprehensive Battery Management Solution

This online battery monitoring system provides real-time detection, collection, and analysis for battery arrays. Designed for high stability and safety, the system operates independently of monitoring equipment without interfering with charge/discharge circuits. It features advanced anti-interference technology specifically engineered to handle high-frequency ripple currents found in modern large-scale UPS environments.

Technical Features

Measurement Precision

0.1 %

Voltage Detection Accuracy

16 bit

A/D Conversion Resolution

Advanced Capabilities

Online Internal Resistance Testing, 16-bit Parallel A/D Conversion, DSP Automatic Filtering, Modular Design, Photoelectric Isolation

Connectivity & Integration

Supported Protocols & Ports

- RS485 Communication
- Network/Ethernet Port
- MODBUS Protocol
- SNMP Protocol

Safety & Stability

System Protection Design

- High-impedance input channels
- Ohmic resistance isolation
- Surge protection circuitry
- High-frequency magnetic field interference shielding
- Flame-retardant component construction