

ALBÉR ELS

Electrolyte Level Sensor



BENEFITS

- Designed specifically to comply with the NERC PRC-005 requirements for electrolyte level inspection
- Eliminate the required quarterly inspection of battery electrolyte levels
- No alarm means no unnecessary remote site visits

The Albér ELS is a non-invasive level sensor designed to save you time and money!

Stand Alone System

- Three form C contacts for alarm notification: Level alarm, Temperature alarm and hardware alarm. Features also a RS-485 interface with Modbus protocol and a USB style B interface.
- Alarms for low electrolyte levels and power loss
- Status indicators on each cell for easy alarm identification
- Automatic or manual reset for any alarm



System Advantages and Features

- Designed to work on opaque or nonopaque VLA battery cases
- Auto calibration
- Easily integrates into Albér Battery Monitors or building management systems
- Engineered for quick installation and easy system setup



System specifications

Albér ELSi™ – Interface Module

LEDs

- Three bi-color LEDs indicating Temperature status, Level status, operational status and operational modes.

Alarms

- 3 Form C relay contact, 2A at 30VDC
- Alarm reset button

Input Power

- AC Powered – 120VAC 50/60Hz

Packaging

- ABS Plastic Housing
- Dimensions: 4.25”W (5.25” w/ flange) x 1.45”H x 3.00”D
- Mounting: Two 0.20” holes located 4.75” apart

Albér ELS™ – Sensor Module

LEDs

- Red – System Alarm
- Green – Status / Power

Input Power

- 5VDC via RJ11 from the ELSi

Communications

- RS-485 communications with Alber's battery monitors and/or Building Management System using MODBUS and proprietary protocol.
- USB style B for computer connection.

Packaging

- Polycarbonate Plastic Housing
- Dimensions: 1.80”W x 1.59”H x 1.00”D
- Sensor mounted on a cradle attached to the battery case using a double sided adhesive tape.

Specifications subject to change without notice.

