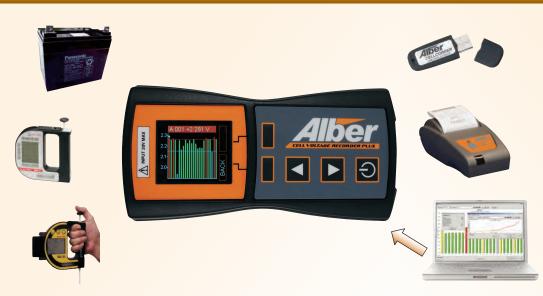


CVR+Cell Voltage Recorder *Plus*



Quickly Record and View DC Cell Voltages

- Measure, store and view voltages in less than 1 second
- Immediate audio and visual out of tolerance indication
- Date and time stamping of last reading

Quickly Upload and View Hydrometer Data

- Upload DMA-35 data via IRDA (no data module required)
- Upload DMA-35N-CRT data via RS-232 cable (data module required)
- Color-coded out of tolerance indication based on user defined limits
- Date and time stamping of uploaded data

Immediately Analyze Data Onsite

- Statistical Analysis (sum, average, max/min readings with cell number)
- Graphical Analysis (color-coded bar graphs Voltage, SG and Temp.)
- User programmable max. and min. limits (Voltage, SG and Temp.)

Easily Transfer Data Files to Alber Battery Analysis Software

- Transfer all or selected data files to a USB Flash Drive in .cdf format
- Transfer all or selected data files directly to Alber software via standard USB cable
- Configure CVR+ date, time, threshold via limits configuration





Cell Voltage Recorder Plus Specifications

Physical

Dimensions L 6.3 in. x W 3 in. x D 1.3 in.

Weight 10.5 oz.

Keypad 5 Key Membrane (tactile)

Display

Type OLED 256K Color Viewing Area 35mm by 28mm

Resolution 160 x 128

Memory

Internal 256K EEPROM String Capacity 8 x 256 DC Voltage

8 x 256 SG and Temperature

Data Retention 10+ years (battery removed)

Real Time Clock

Precision ±3 seconds per month

Calendar 100 year with leap year detection
Time Retention 10 min with battery removed

Communication

Infrared IRDA Obex for DMA-35 IRDA Raw for printer

RS-232 9600Baud for DMA-35n Module

USB Dual Role Host for Flash Drive

Device for PC Connection

Battery

Type 3 x AA Alkaline
Battery Life 15 hours (Approx.)
Auto-off 5 min with no activity

Environmental

Temperature Range:

Operating 0°C - 40°C (32°F - 104°F) Storage 20°C - 60°C (-20°F - 140°F)

Humidity Range 0% to 80% RH (non-condensing) at 0°C-31°C

0% to 50% RH (non-condensing) at 32°C-40°C

Altitude 0-2000 meters above sea level





Electrical Specifications

Input	VDC Resolution	VDC Accuracy
2V	1mV	±2mV
4-6V	1mV	±3mV
4-6V	1mV	±5mV
16V	1mV	±10mV

Warranty 1-year limited warranty

Ordering Information

Part# 2900-100 Cell Voltage Recorder Plus

including software, carrying case, USB Flash drive, cables and test leads, quick start

Optional Accessories

4200-002 Battery Analysis Users Guide 2025-124 Printer with IRDA Interface

2030-005 USB Flash Drive

Alber Leads the Way. . .

As the only manufacturer offering comprehensive solutions for ALL accepted battery maintenance procedures, Alber continues to set the standard in battery testing and monitoring technology. Our broad range of products provides you every possible solution your business could ever need.

