

# CTL-150 Volt Logger Digital Data Logging Volt Logger

CellCare  
Technologies Limited



The Voltlogger has been specifically designed for the Battery test & maintenance industry replacing the traditional, potentially inaccurate, 'paper and pencil' methods.

The CTL-150 data logging voltmeter automatically measures and records cell voltages in less than 1 second and increments the cell counter ready to read the next cell, enabling the user to take readings from a string of cells without interruption.

A new discharge test mode is included for monitoring battery discharge tests, 11 sets of 256 voltage readings.

This data can then be downloaded and analysed with the supplied Win-meter Analysis Software, enabling full reports to be printed and stored as well as quickly identifying cells that are out of tolerance and likely to require further maintenance.

## + System Features & Benefits

- Measure, time stamp, store voltages in less than 1 second with immediate audio and visual out-of-tolerance indication. See the results on display in Graphic format.
- Float Mode; record in either 8 strings of 256 or 20 strings of 48 format.
- Discharge Mode; Every cell reading is time stamped, record up to 11 sets of 256 cell voltage data. (Optional) record 256 time stamped Load Current readings (from another instrument not provided)
- Upload and view CTL-200 Specific Gravity and temperature readings. (Instrument not included)
- Splash-proof membrane keypad with separate keys for ON/OFF, Recall and Print.

## + Hardware Specification

- **Communication Interface** IRDA infrared, USB.
- **Software** Win-meter Windows based programme enables stored data to be analysed, or alternatively exported directly into EXCEL format.
- **Power Requirements** Three AA size Alkaline Batteries supplied, Approx 15 Hours service, Auto off after 5 Mins.
- **Display** OLED 256 Colour, 35 x 28mm, resolution 160 by 128 pixels
- **Dimensions** Instrument only 160 x 80 x 35mm (Approx) With Robust case
- **Specification** Input 0-4V 1mV resolution Accuracy +/- 5mV, Input 4-20V 1mV resolution Accuracy +/- 10mV.
- **Environmental** Temperature range Operating 0-40°C, Humidity Range 0% to 80% (non-condensing)

## + After Sales Service

- **Annual Service** CellCare Technologies provide a full annual service and routine calibration facility for all Volt Logger's. This service also includes annual telephone and email support.
- **Calibration Certificate** All Volt Loggers are supplied with a certificate of calibration.

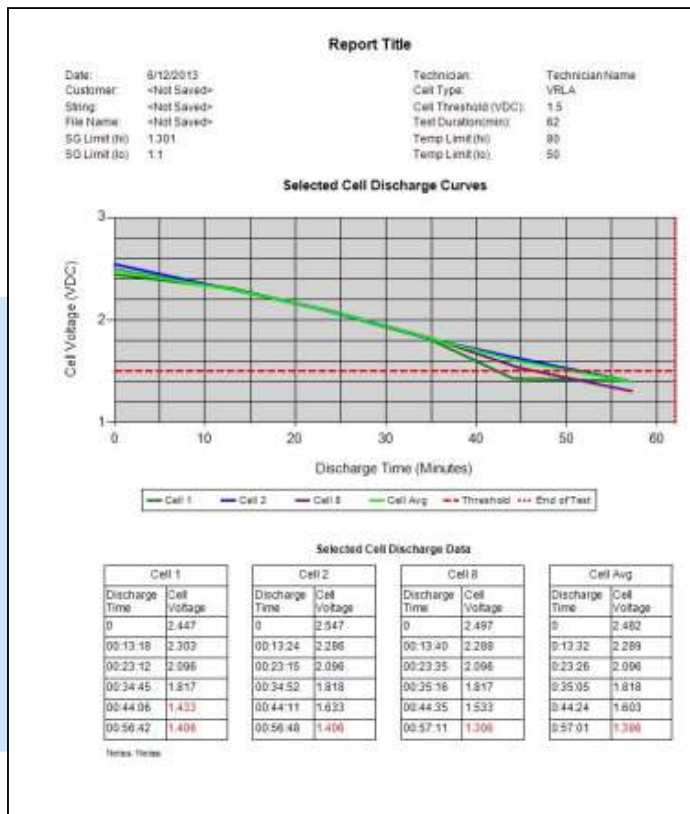
## + See us On-Line @ [www.cellcare.com](http://www.cellcare.com)

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#### Wavelength Plus Discharge Test

DISCHARGE INFORMATION

Test Name: 082013 at 16:32  
 Duration of Test: 10:58:18  
 # Cells: 1

DISCHARGE TEST DATA

String	Discharge Time	# Cells	Sum (VDC)
A	10:57:53 to 10:57:53	1	9.1
B	10:52:18 to 10:52:18	1	9.1
C	...	...	...
D	...	...	...
E	...	...	...
F	...	...	...
G	...	...	...
H	...	...	...
I	...	...	...
J	...	...	...

Cell Limit (h) (Test & Discharge):  
 Cell Limit (v) (Test):  
 Cell Limit (v) (Discharge):  
 Battery Discharge Limit: (F sets \* cell discharge lower limit)

Buttons: Run Test, Stop Test, Abort Test, Save, Cancel, Help

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