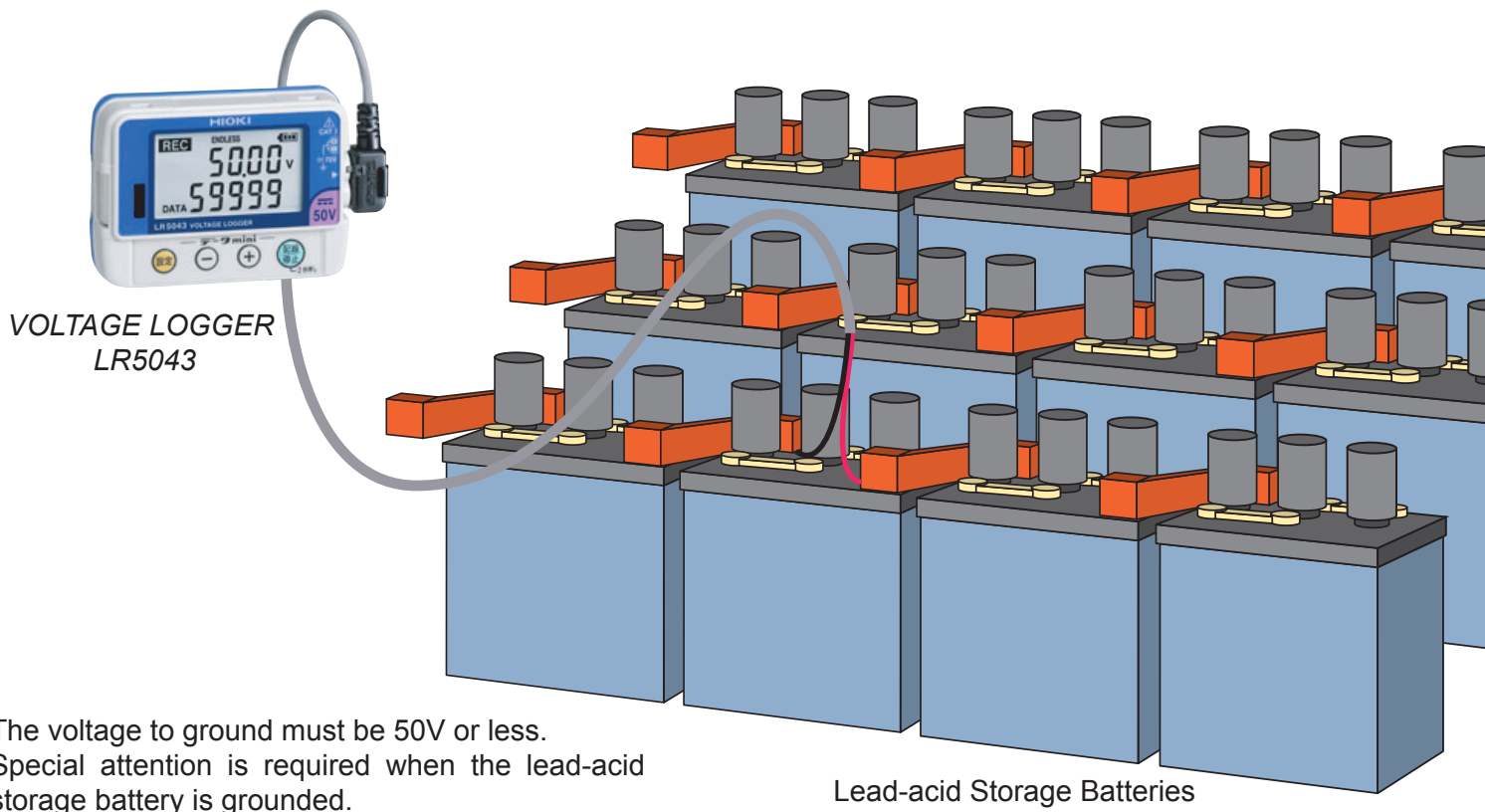


## Manage the Voltage of Lead-acid Storage Batteries

Measure the voltage in lead-acid storage battery cells used for emergency power supply to monitor voltage fluctuations.

### ■ Highlights

- The LR5043 Voltage Data Logger can measure voltages up to 50 V DC. One LR5043 can monitor the cell voltage of one lead-acid storage battery.
- The LR5043 allows you to maintain the lead-acid storage batteries and monitor voltage fluctuations caused by changes in the actual load situation.
- The measured data can be transferred to a PC and displayed in graph format (LR5091 Communication Adapter or LR5092-20 Data Collector is required for data transfer).
- The LR5001 Mini Temperature/Humidity Data Logger allows you to measure the environmental temperature and humidity of the emergency power supply and the surface temperature of the cell simultaneously, and display the data in a single graph.



The voltage to ground must be 50V or less.  
Special attention is required when the lead-acid storage battery is grounded.

### Products used

VOLTAGE LOGGER LR5043(±50.00V DC)  
COMMUNICATION ADAPTER LR5091  
DATA COLLECTOR LR5092-20

**Signal Test, Inc**  
1529 Santiago Ridge Way  
San Diego, CA 92154  
Tel. 1-619-575-1577 USA  
[www.SignalTestInc.com](http://www.SignalTestInc.com)  
[Sales@SignalTestInc.com](mailto:Sales@SignalTestInc.com)

