

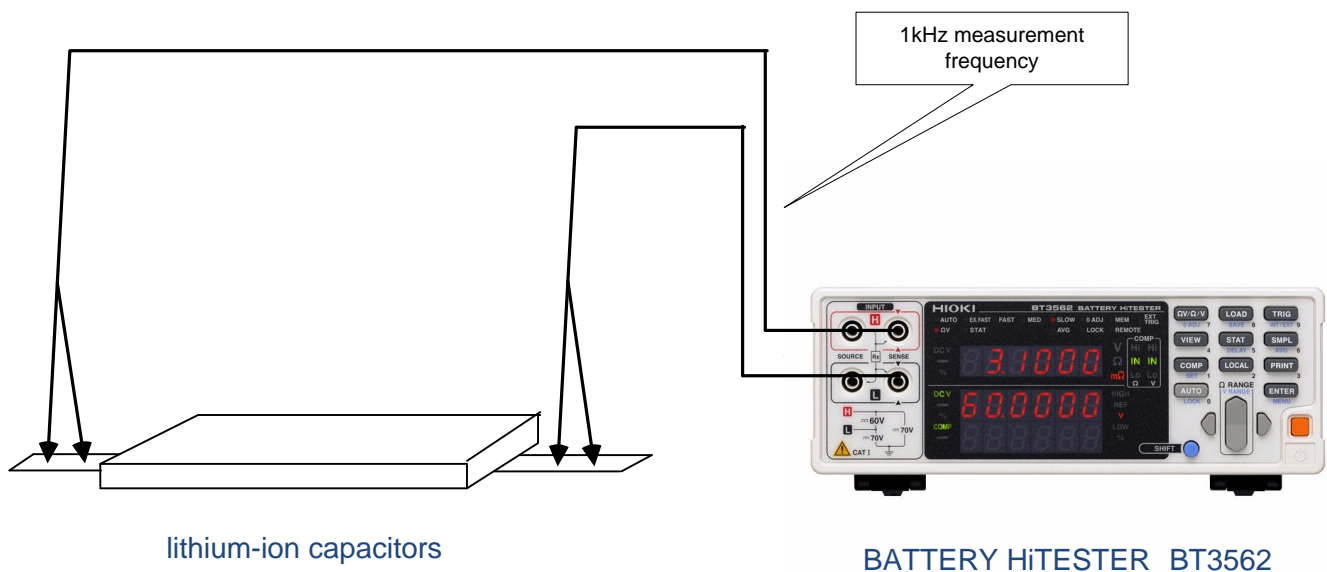
Equivalent Series Resistance (ESR) Evaluation Test of Lithium-ion Capacitors

Measure the ESR* of lithium-ion capacitors quickly and effectively

* ESR : Equivalent Series Resistance

■ Highlights

- The BATTERY HiTESTER BT3562, which has a maximum resolution of $0.1 \mu \Omega$ and measurement range of $3.1 \text{ k}\Omega$, can measure ESR values of lithium-ion capacitors, which can vary significantly depending on the capacity and shape, in a wide range.
- It can also measure the voltage between the terminals of a lithium-ion capacitor simultaneously.



lithium-ion capacitors

BATTERY HiTESTER BT3562

- Charge (or discharge) the lithium-ion capacitor (electric double-layer capacitor).
- Make sure that the measurement conditions are the same, because the state of the lithium-ion capacitor changes as a result of the charge and discharge.
- Measure up to 60V between terminals, and modules with up to 15 series-connected cells (4 V).
- Save the measurement results to a PC via communication (free PC sample software is available).
- RS-232C and GP-IB cables (options), and digital I/Os are available, enabling use on automated lines.

Products used

- BATTERY HiTESTER BT3562
- BATTERY HiTESTER BT3562-01
(GP-IB Interface and D/A output installed.)