

Battery Tester & Data Logger **HIOKI**

Hioki 3554

The Hioki 3554 Battery HiTESTER offers easy maintenance support of UPS batteries via simple, quick accurate testing. Batteries do not have to be disconnected from the charging system to carry out the battery condition tests. The tester is ideally suited for testing all types of lead acid and Ni-Cad batteries. Applications can also be found within research, development and production facilities for testing Lithium-Ion batteries popular with Electric and Hybrid Electric Vehicles.



- Accurately measures battery internal resistance for correct battery condition diagnosis.
- 4 Terminal testing via specially designed test probes supports greater accuracy
- Auto-hold and Auto-data storage, store up to 4800 data sets into 12 groups of 400 to cover UPS battery banks
- Non volatile memory offers extra security for data storage
- Download test results from battery tester to PC via USB interface, data is saved as a CSV file which is easily saved to Excel
- Download data includes: resistance value, voltage value, plus date & time.

Test kit includes:

Carry case containing Hioki 3554 Battery HiTESTER, Hioki 9465-10 test lead set, USB lead, data management PC software, 8 AA batteries, one spare fuse, zero adjustment board & ambient temperature probe.

Max battery test voltage	60V DC
Resistance Measurement	3 mΩ, 30 mΩ, 300 mΩ & 3.Ω
Resolution	1μ Ω, 10 μ Ω, 100 μ Ω & 1mΩ
Accuracy	±0.8% rdg±6 dgt @ 30mΩ...3Ω
Current Measurement	150mA, 15mA, & 1.5mA
Measurement Current Freq	1kHz
Voltage Measurement	0...6.000V & 0...60.00V
Resolution	1mV & 10mV
Accuracy	±0.08%rdg ± 6dgt
Power	8 x AA (LR6)
Continuous Operating Time	10 hours (Using Alkaline LR6)
Power Saving	Auto power off after 10 minutes
Size	192 x 121 x 55mm
Weight	790 g including batteries