HF-BT-402

Portable Battery Internal Resistance Tester



Battery Internal Resistance Tester rapidly tests internal resistance and voltage of single cells and battery packs. It evaluates battery health status, identifies faulty batteries, and supports regular maintenance of UPS, power stations and energy storage systems.

Technical specifications

Parameter	Value
Whole battery string voltage measurement	Range: 0-600V - Resolution: 0.01V
Single cell voltage	Range: 0-24V - Resolution: 0.001V
Voltage measurement accuracy	Range: ±2.0%rdg±6dgt -
Internal resistance	Range: 0-1000 mohm - Resolution: 1uohm
Connection resistance	Range: 0-20 mohm - Resolution: 1uohm
Internal resistance measurement accuracy	Range: ±2.0%rdg±6dgt -
Temperature	Range: -20°C ~ 80°C - Resolution: 0.1°C
Single cell storage capacity	Range: 500 records (max. 999 cells per record) -
Whole string storage capacity	Range: 400 groups (max. 999 cells per group) -

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.

Specifications are taken from the published product data and are subject to change without notice. Confirm critical parameters at the time of order.