

**HF-BT-412**

# Battery Conductance Tester



Battery Conductance Tester quickly measures battery conductance and voltage. It accurately assesses the health status of lead-acid batteries, enabling technicians to efficiently identify deteriorated cells during regular on-site maintenance.

### Key features

- Rapidly measure battery voltage, conductance and connection resistance online
- Alarm when battery conductance or voltage exceeds threshold
- Adopts anti-AC ripple noise circuit for higher testing accuracy and stability
- Quick re-test function; automatically overwrite original data if misoperation occurs
- Pre-stores over 200 reference conductance values; supports user-defined thresholds

### Technical specifications

| Parameter             | Value                                                                 |
|-----------------------|-----------------------------------------------------------------------|
| Measuring Range       | Conductance: 20 ~ 19,990 S Voltage: 0.000v ~ 25v                      |
| Minimum Resolution    | Conductance: 1S Voltage: 1mV                                          |
| Measurement Accuracy  | Conductance: $\pm 0.5\%rdg \pm 6dgt$ Voltage: $\pm 0.2\%rdg \pm 6dgt$ |
| Power Supply          | 11.1V, 2400mAh rechargeable lithium battery                           |
| Power Consumption     | Continuous working time: 8 hours                                      |
| Storage Capacity      | 64Mbit Flash + 4G SD Card                                             |
| Display               | 5-inch color touch screen                                             |
| Dimensions            | 220 × 170 × 52 mm                                                     |
| Weight                | 1.1 Kg                                                                |
| Operating Environment | 0 ~ 60°C, 95%RH                                                       |
| Storage Temperature   | -20°C ~ 82°C                                                          |

### 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.