

Battery Tester/ACR Meter

High-Voltage Battery Tester TB-3564 Series

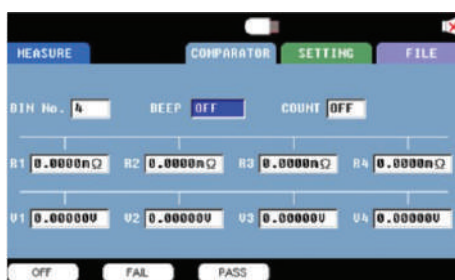
Product description:

TB-3564 series is a high-performance tester developed by Hepu Electronics based on it's rich experience in lithium battery voltage internal resistance testing for many years, target the high-voltage internal resistance testing needs of large battery packs and battery clusters. It meets the requirements of ultra-high voltage test range+high-precision internal resistance test. This product has high resolution, good stability, short test cycle, exquisite appearance, powerful functions, rich interfaces and is suitable for product development and automated production lines.

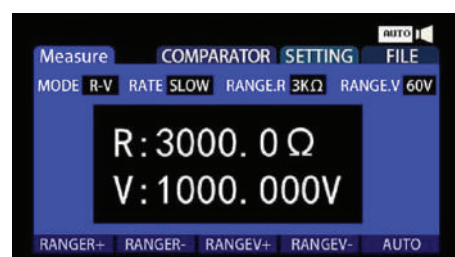


Features

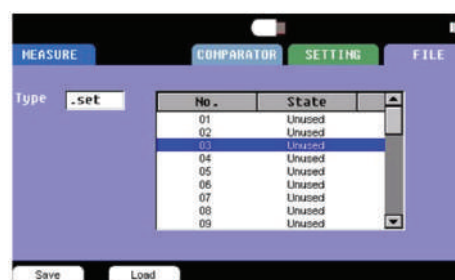
- Resistance minimum resolution 0.1uΩ and maximum range is 3.1kΩ.
- Ultra-wide voltage test range 10μV-1500V (TB-3564B only)
- Minimum test cycle only 10mS
- Arc suppression technology and super anti-static design improve test safety
- Rich standard interfaces suitable for automated test equipment
- Strong anti-interference ability
- Automatic battery test function



Battery Tester Beeper Configuration



TB-3564 series Battery Tester Operation interface



Battery Tester Choosing Comparator Record

Specifications

| Model | | TR-3564 | TR-3564A | TR-3564B |
|--------------------|----------|---|-----------------------|-----------------------|
| Test Parameters | | AC resistance, DC voltage | | |
| Resistance | Accuracy | 0.5% (3mΩ); 0.5% (30mΩ); 0.3% (≥300mΩ) | | |
| | Range | 0.00 01 mΩ ~ 31000Ω | | |
| Voltage | Accuracy | 0.01 % | | |
| | Range | 0.00001V ~ 400.000V | 0.00001 V ~ 1000.00 V | 0.00001 V ~ 1500.00 V |
| Signal Source | | Measuring current frequency : 1 kHz±0.2Hz, Open circuit voltage : <25V, Test current : <100mA | | |
| Range | | 3 mΩ/ 30mΩ/ 300mΩ/ 3Ω/ 30Ω/ 300Ω/ 3 kΩ, 7 levels full range automatic or manual test mode | | |
| Test speed | | Ultra fast : 100 times/s, Fast : 50 times/s, Medium : 20 times/s, slow : 3 times/s | | |
| Calibration method | | Short circuit reset within full range | | |
| Comparator | | 30 groups of records, 4-level sorting, level counting | | |
| Trigger Mode | | Internal (INT), Manual (MAN), External (EXT), automatic (AUT) and Bus | | |
| Interface | | RS-232/RS-485, LAN, I/O port | | |
| Power Input | | 100 ~ 256VAC, 50 ~ 60Hz, | | |
| Power Consumption | | 15VA | | |
| Dimension (LxWxD) | | 325mm x 215mm x 96.5mm | | |
| Weight | | 3kg | | |

Ordering Informations

TB-3564 : 400Vdc/3.1kΩ Battery Tester

TB-3564A : 1000Vdc/3.1kΩ Battery Tester

TB-3564B : 1500Vdc/3.1kΩ Battery Tester

Standard Accessories :

- User Manual
- Communication cable
- PB36 connector
- Four-terminal Test clip
- Power cable