

## Handheld Battery Tester

### AT528/AT528L

#### Characters:

- Parameters: AC resistance & DC voltage
- Internal resistance & voltage can measurement simultaneously
- Build-in comparator
- LCD display
- one key save for parameters



AT528/AT528L

AT528/528L can test voltage and resistance simultaneously on real, adopt high performance 32 dgt ARM micro processor control. The resistance test range 0.01mΩ~2.2KΩ, 0.0001V~50V DC voltage, Max resistance display 3300dgt, Max voltage display 60,000dgt, Can assure the 0.5% accuracy under the test speed of 10 times/second.

| SPECIFICATIONS                 |   |                                       |
|--------------------------------|---|---------------------------------------|
| AT528 Handheld Battery Tester  |   |                                       |
| AT528L Handheld Battery Tester |   |                                       |
| Parameter                      | AC resistance, DC voltage   |                                       |
| Accuracy                       | AT528 R: 0.5%±5dgt ;V: 0.1%±5dgt<br>AT528L R: 0.5%±5dgt ;V: 0.5%±5dgt   |                                       |
| Measure range                  | V: 0.0001V ~ 50.00V<br>R: 0.01mΩ~2.2kΩ  | V: 0.001V ~ 50.00V<br>R: 0.1mΩ~200.0Ω |
| Signal source                  | AC: 1kHz open-circuit voltage: <30mV current: <15mA   |                                       |
| Range                          | Auto 4 range, manual & nominal  |                                       |
| Test speed                     | 2t /s; 10t/s; 20t/s; (manual 1 range)<br>1.8t /s; 6.8t/s; 16t/s   |                                       |
| Max display                    | R: 3300 V: 60,000   |                                       |
| Maximum resolution             | R: 0.1mΩ V: 1mV   |                                       |
| Adjustment                     | short-circuit correction for each range   |                                       |
| Comparator                     | Individual voltage comparison<br>Individual resistance comparison<br>Voltage resistance combination comparison<br>OK/NG sorting result display<br>Beep  |                                       |
| Trigger                        | Internal, Manual, Remote  |                                       |
| Test Terminal                  | 4 terminal shielding ( 2 check & 2 driver)<br>External shield ground  |                                       |
| Interface                      | Build -in Mini-USB (virtual serial port)<br>Charging interface<br>U disc interface  |                                       |
| Others                         | 3.5 inch color 16M TFT-LCD display;<br>Keypad lock, data hold function; compatible SCPI order set;<br>English & Chinese switch;<br>Adjustable background light;<br>Auto power-off;<br><b>500 sets measured data save with one key</b> |                                       |
| Power supply                   | input: 100-240V~50/60Hz 0.35A output: 9V 1A DC  |                                       |
| Battery parameter              | 8.4V, 2200mAh Li battery  |                                       |
| Charging time                  | Max :300Min   |                                       |
| Working time                   | ≥ 8H  |                                       |
| Sizes                          | 130.23 x210.76 x37.88 mm  |                                       |
| Weight                         | 650g  |                                       |
| Accessories                    | ATL501B 4-terminal test probe ATL909 DC adaptor<br>ATL202 portable bag ATL804 Li battery<br>Data acquisition software * ATL506B 4-terminal test probe (AT528L optional) * ATL105Mini-USB communication cable                          |                                       |