



# AT529 HANDHELD BATTERY TESTER

## /529A/529B/529H

CHINESE/ENGLISH  
OPERATION

130 (W) \* 210 (H) \* 38 (D)  
UNIT: mm

Weight: 1kg

Voltage resolution 6 1/2

Internal resistance and voltage are measured simultaneously

- Four-terminal test method
- USB-VCOM remote control
- Measurement parameters are saved with one click

AT529 can test resistance of 0.0001mΩ~3300.00Ω, DC voltage of 0.00001V~400.000V, resistance 300000 display bits, voltage 400000 display bits. The AT529 offers both high precision, high resolution and ultra-high speed measurement, providing 0.5% resistance accuracy and 0.01% voltage Accuracy.

Instrument built-in USB interface and LAN interface, instrument standard data collection Excel export function, can be effectively used in remote



Power Supply: Input: 100-240V, 50/60Hz, 0.35A, Output: 9V 2A DC control and data collection and analysis.

| MODEL                         | AT529A                                                                                                                                                            | AT529                     | AT529B                    | AT529H                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|----------------------------|
| Measuring range               | Resistance: 0.0001mΩ ~ 3300.00Ω                                                                                                                                   |                           |                           |                            |
|                               | Voltage: 0.00001~200.000V                                                                                                                                         | Voltage: 0.00001~400.000V | Voltage: 0.00001~800.000V | Voltage: 0.00001~1000.000V |
| Measurement parameter         | Ac resistance, DC voltage                                                                                                                                         |                           |                           |                            |
| Basic accuracy                | Resistance: 0.5%; Voltage: 0.01%                                                                                                                                  |                           |                           |                            |
| Signal source                 | 1kHz, frequency stability: 20ppm                                                                                                                                  |                           |                           |                            |
| Range                         | 7 Range automatic, manual and nominal.<br>Range nominal: The instrument automatically selects the range according to the nominal value.                           |                           |                           |                            |
| Test speed                    | 1 t/s                                                                                                                                                             |                           |                           |                            |
| Display result                | Direct reading, ΔABS, Δ%, θ, sorting results                                                                                                                      |                           |                           |                            |
| Maximum reading               | Resistance: 330000                                                                                                                                                |                           |                           |                            |
|                               | Voltage: 200000                                                                                                                                                   | Voltage: 400000           | Voltage: 800000           | Voltage: 1000000           |
| Adjust                        | Short-circuit clearance in full range                                                                                                                             |                           |                           |                            |
| Line break detection function | Broken line detection and open circuit detection                                                                                                                  |                           |                           |                            |
| Trigger mode                  | Internal trigger, manual trigger, remote trigger                                                                                                                  |                           |                           |                            |
| Comparator                    | Resistance and voltage can be compared simultaneously or separately, in three ways: absolute comparison ( ) Percentage comparison (%) Sequential comparison (SEO) |                           |                           |                            |
| Test terminal                 | Four-terminal test                                                                                                                                                |                           |                           |                            |
| Battery parameter             | 8.4V, 2200mAh lithium battery                                                                                                                                     |                           |                           |                            |
| Battery charge time           | Single continuous charging time: maximum 300Min                                                                                                                   |                           |                           |                            |
| Battery operating time        | ≥ 4H                                                                                                                                                              |                           |                           |                            |
| Interface                     | Built-in Mini-USB interface (virtual serial port); Charging interface; USB interface;                                                                             |                           |                           |                            |
| Other                         | 3.5-inch true color 16M color TFT-LCD display; Keyboard lock, data retention function; Backlight adjustment; Automatic shutdown;                                  |                           |                           |                            |
| Accessories                   | ATL501F Kelvin test cable, ATL105Mini-USB communication cable, ATL909 charger, ATL 506C four-terminal test probe                                                  |                           |                           |                            |