

# RJ6921 Li-ion Battery Side Voltage and Resistance Comprehensive Tester



CE

## Product Description

Li-ion Battery Side Voltage and Resistance Comprehensive Tester is suitable for measuring and testing side voltage and resistance in the middle and back section of soft pack battery, and can realize that one tester has two functions at the same time, which meets the different process requirements of customers for soft pack battery testing.

## Key Features

- It integrates two functions of measuring and testing side voltage and side resistance of soft pack battery;
- Can arbitrarily edit the test sequence to meet the test requirements;
- Memory function, setup parameters are automatically saved in the instrument, and it is convenient to call these parameters;
- Configure the automatic contact detection function;
- Voltage overrun sound and light alarm function to meet the needs of rapid identification of abnormal products on site;
- Standardly equipped with RS232 communication and PLC remote control ports to realize the automation data acquisition and remote control.

National Service hotline: 4008-515-616

No.38 Longfei Road, Chengyang District, Qingdao

Official website: [www.ruijie-ate.com](http://www.ruijie-ate.com)

## Specification

| Model                 |                                    | RJ6921   |             |                 |
|-----------------------|------------------------------------|--|-------------|-----------------|
| Side Voltage Test     | Measured parameters                | Voltage U  |             |                 |
|                       | Voltage rated range                | 6.000V   |             |                 |
|                       | Voltage Measurement Range          | DC:0.100V~6.000V   |             |                 |
|                       | Voltage resolution                 | 0.001V   |             |                 |
|                       | Voltage Measurement Accuracy       | ±(0.1%rdg.+0.1%f.s.)   |             |                 |
| Side resistance test  | Measured parameters                | Resistance R   |             |                 |
|                       | Output Voltage/Resolution/Accuracy | 50V~2000V /1V/ ±(1%st.+2dgt.)  |             |                 |
|                       | Test Time                          | 0.1s~999.9s    Accuracy: ±(0.1%st.+1dgt.)  |             |                 |
|                       | Insulation resistance test         | 50V~300V   | 2MΩ~750MΩ   | ±(2%rdg.+2dgt.) |
|                       |                                    | 301V~700V  | 2MΩ~2000MΩ  | ±(3%rdg.+2dgt.) |
|                       |                                    | 701V~1150V   | 5MΩ~3000MΩ  | ±(4%rdg.+2dgt.) |
|                       |                                    | 1151V~2000V  | 10MΩ~4000MΩ | ±(5%rdg.+2dgt.) |
|                       | 4001MΩ~9999MΩ                      | ±(15%rdg.)   |             |                 |
| Alarm Function        |                                    | Voltage and resistance upper/lower limit setting   |             |                 |
| Control Interface     |                                    | Standard: PLC (switching), RS232 (Optional: RS485) , USB storage; optional: LAN interface  |             |                 |
| Operating Environment |                                    | 0℃~40℃, 20%RH~75%RH  |             |                 |
| Working Voltage       |                                    | AC220V, 50/60Hz  |             |                 |
| Net weight            |                                    | 10.7kg   |             |                 |
| External Dimension    |                                    | 340mm×133mm×380mm(W×H×D) without foot, foot height 15mm  |             |                 |
| Attachment            |                                    | 1 manual, 1 power cord (1.5 m), 1 communication wire (1.5 m), 1 set of test wire (1.5 m) (4), 1 set of test clip (4), 1 D-type connector |             |                 |

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