

RJ3501 Battery DC Resistance Tester



Product Description

RJ3501 battery DC internal resistance tester, for the battery discharge process of the complex internal resistance composition, in the battery discharge work to test its dynamic DC internal resistance value, provides the battery internal DC resistance pull load I-V waveform curve test solutions

The tests are performed in a compensable four-wire mode with a resolution of up to $1 \mu\Omega$, ensuring the accuracy of the measurements. The pulling load current and pulling; load time can be set independently, which is suitable for different test conditions of batteries with different discharge characteristics.

Key Features

- Support 240A discharge test, and can meet the needs of battery DC internal resistance test.
- DC internal resistance DCIR and multi-conditional pull-load test and sorting function, suitable for production line testing;
- Test process waveform curve analysis, suitable for battery product development process testing;
- The testing speed is fast, and the shortest time to complete the internal resistance test is 1 second.

National Service hotline: 4008-515-616

No.38 Longfei Road, Chengyang District, Qingdao

Official website: www.ruijie-ate.com

Specification

Model	RJ3501-30	RJ3501-60	RJ3501-120	RJ3501-240
Current range	30A	60A	120A	240A
Resolution	0.1mA			
Current accuracy	±(0.05%st.+0.05%f.s.)			
Voltage range	0.5V~10V			
Resolution	0.1mV			
Voltage accuracy	±(0.05%rdg.+0.02%f.s.)			
Internal resistance range	0~999.999mΩ			
Resolution	0.001mΩ			
Compensation Function	Optional switch			
External Interfaces	Standard: PLC (switch), RS232 (Optional: RS485) ; Optional: LAN interface			
Liquid crystal display	3.5 inch			
Operating Environment	0°C~40°C,20%RH~75%RH			
Power Supply	AC220V,50/60Hz			
Net weight	5kg	7kg	8kg	13.5kg
External Dimension	213mm×88mm×350mm(W×H×D) without foot, foot height 15mm		213mm×88mm×450mm(W×H×D) without foot, foot height 15mm	
Attachment	1 instruction manual, 1 power cord (1.5 meters), 1 communication cable (1.5 meters)			

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