



# AT 6920

## PULSE-TYPE LITHIUM BATTERY CELL SHORT CIRCUIT TESTER

CHINESE/ENGLISH  
OPERATION

294 (W) \* 130 (H) \* 316 (D)  
UNIT: mm

Weight: 4kg

### Detecting minute short circuit hazards

Microsecond-level response speed  
10 - 2000ms adjustable charging time

- Support for 100 sets of waveform storage and invocation
- Export test data in CSV format from USB flash drive
- Data statistics function, automatically calculates pass rate

AT6920 Pulse Lithium Battery Cell Short Circuit Tester is specially designed for the safety performance testing of lithium battery cells. This instrument adopts high-voltage pulse technology (adjustable from 50V to 2000V), which can precisely detect internal short circuits, micro-short circuits and insulation defects of the cells, and the testing speed can reach millisecond level.

Equipped with a full-color LCD touchscreen, it supports bilingual operation in Chinese and English, and has built-in 100 sets of waveform storage and comparison functions. Through multiple interfaces such as USB, RS232, RS485 and LAN, it realizes data export and remote control. Its intelligent analysis system can automatically determine the OK/NG results and calculate the pass rate, and is widely used in lithium battery production quality inspection,



■ Power requirements 220VAC, 50Hz Power: 20VA

research and development testing and other fields, serving as an efficient detection tool to ensure the safety of lithium batteries. The software has database function and Excel export function, which can be efficiently applied to remote control, data acquisition and analysis.

### MODEL AT6920

Parameter	battery short circuit test
Accuracy	±(1%× set value +2V)
Voltage	50V~2000VDC (programmable voltage source)
Test duration	10ms to 1000ms Accuracy: ±(2%× set value +2ms)
Cell capacity	20nF-600nF
Number of storage groups	100
Decision parameters	charge time / hold voltage / drop voltage
Determination method	AT/AV
Judgment result	OK/NG (and classification of fault types)
Display	dual waveform comparison display (test waveform vs reference waveform)
Output interface	RS-232C interface; RS-485 interface; USB; LAN; Handler
Other	7 inch TFT-LCD display; U disk data recording; Keyboard lock and data hold function internal flash memory
Accessories	Test line; ATL108 RS232 communication cable