

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 AT528L R: 0.5%±5dgt ;V: 0.5%±5dgt		
Measure range	V: 0.0001V ~ 50.00V R: 0.01mΩ~2.2kΩ	V: 0.001V ~ 50.00V 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) 1.8t /s; 6.8t/s; 16t/s		
Max display	R: 3300 V: 60,000		
Max resolution	R: 0.1mΩ V: 1mV		
Adjustment	short-circuit correction for each range		
Comparator	Individual voltage comparison Individual resistance comparison Voltage resistance combination comparison OK/NG sorting result display Beep		
Trigger	Internal, Manual, Remote		
Test Terminal	4 terminal shielding (2 check & 2 driver) External shield ground		
Interface	Build-in Mini-USB (virtual serial port) Charging interface U disc interface		
Others	3.5 inch color 16M TFT-LCD display; Keypad lock, data hold function; compatible SCPI order set; English & Chinese switch; Adjustable background light; Auto power-off; 500 sets measured data save with one key		
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 ATL202 portable bag ATL804 Li battery Data acquisition software * ATL506B 4-terminal test probe (AT528L optional) * ATL105Mini-USB communication cable		