

AT 527/527L/527A /527B/527H/527K BATTERY TESTER

CHINESE/ENGLISH
OPERATION

264 (W) * 107 (H) * 350 (D)
UNIT: mm

Weight: 4kg

AC resistance/DC voltage Simultaneous measurement of internal resistance voltage

- Built in sorting comparator
- Special instrument for energy storage power battery

The AT527 series battery internal resistance tester adopts a high-performance 32-bit ARM microprocessor controlled fully automatic real-time detection micro desktop instrument. The instrument adopts a full color LCD display and full touch operation, providing a brand new instrument interaction experience.

The instrument can test a resistance of 0.0001mΩ~3.3kΩ, a DC voltage of 0.00001V~1500.00V, a maximum resistance of 33000 display digits, and a maximum voltage of 150000 display digits. The AT527 has the characteristics of high precision, high resolution, and ultra fast measurement, providing a resistance accuracy of 0.5% and a voltage accuracy of 0.01%, with a maximum measurement speed of 55 t/ s.



AT527, AT527A, AT527L



AT527B, AT527H, AT527K

Power Voltage: 85V-240VAC Frequency: 50Hz~400Hz
Max power: 20VA

MODEL	AT527L <small>3.5inch LCD</small>	AT527A <small>3.5inch LCD</small>	AT527 <small>3.5inch LCD</small>	AT527B <small>4.3inch LCD</small>	AT527H <small>4.3inch LCD</small>	AT527K <small>4.3inch LCD</small>
Parameter	AC resistance, DC voltage					
Accuracy	R: 0.5% ; V: 0.01%					
Voltage	0.00001V ~ 60.0000V	0.00001V ~ 200.000V	0.00001V ~ 400.000V	0.00001V ~ 800.000V	0.00001V ~ 1000.00V	0.00001V ~ 1500.00V
Resistance	0.0001mΩ~3.3000kΩ					
Signal Source	AC 1kHz					
Range	7 range automatic, manual, and nominal (the instrument will automatically select the optimal range based on the nominal value)					
Test Speed	Slow 4 t/s ; Medium 8 t/s ; Fast 20 t/s ; ExFast 55 t/s					
Result display	Direct reading, sorting results					
Max display	R: 31,000 ; V: 2000,00					
Calibration	Short circuit zero correction for all range					
Comparator	RHI/RNG/RLO output VHI/VNG/VLO output NG/OK output					
Trigger	Internal triggering; Manual triggering; External triggering and remote triggering;					
Interface	RS-232 ; USB ; Handler (PLC)					
Others	4.3 inch high-definition LCD display; Touch screen; Parameter monitoring function					
Accessories	ATL527 Kelvin test leads; ATL108 RS232 Communication cable; ATL527A Probe test cable (AT527L, AT527A Optional)					