



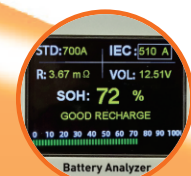
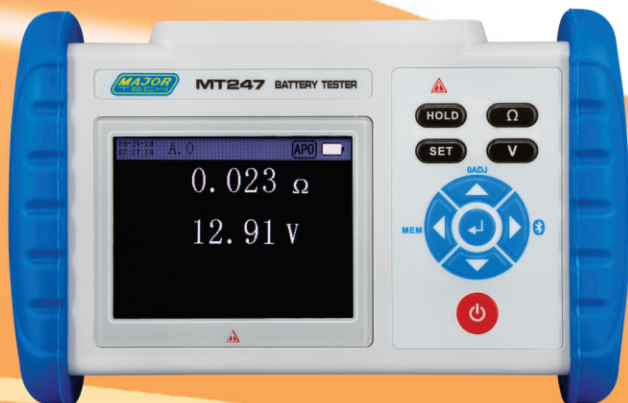
MT247 Battery Tester

The MT247 is a rechargeable battery internal resistance tester. Simultaneously measuring voltage and temperature of rechargeable batteries such as lead storage batteries, GEL batteries and lithium batteries to determine the health of the battery. It can also be used to measure the ESR parameters of electrolytic capacitors (for reference only). The meter is not affected by the contact resistance between the test wire, terminal and battery electrode. It also has the functions for data storage, data access, alarm and automatic shutdown. The MT247 is a reliable tester with a stable performance. It has a wide measuring range, high resolution and accuracy. The compactness of the meter ensures it is easy to carry to any site, and is an indispensable instrument for battery production, battery installation, equipment production, equipment maintenance and other scenarios. Stored data can be transferred to a PC using an optical USB and software supplied.

Features

- Used to measure the internal resistance, voltage and temperature of Lead-acid batteries, Gel Batteries, Lithium batteries and other batteries
- AC injection method measurement
- Large capacity lithium battery charging
- USB interface for linking to computer
- Bluetooth function allows connection to mobile phones
- Pre-set PASS, WARNING, FAIL judgement thresholds

Function	Range	Maximum Display	Resolution	Accuracy	Measuring Current
Resistance	3mΩ	3.100mΩ	1uΩ	±1 % fs. ± 20 dqt.	200mA
	30mΩ	31.00mΩ	10uΩ		200mA
	300mΩ	310.0mΩ	100uΩ	±0.5% fs. ± 15 dgt.	20mA
	3Ω	3.100Ω	1mΩ		2mA
DC Voltage	7V	±7.100V	1mV	±0.2% fs. ±10 dgt	
	70V	±71.00V	10mV		
Temperature	-10°C ~ 60°C			±(1.0%)	
Measuring Method	- Internal resistance measurement: 1KHz AC 4-terminal test method, open-circuit terminal voltage 3V max - Measuring current: 2.0mA~200mA (different measuring currents in different ranges) - Temperature measurement: NTC temperature sensor (10KΩ at 26°C) - A/D conversion method: successive approximation type - Display update frequency: 5 times/second				
Response Time	200ms				
Measuring Time	About 2 seconds				
Hold and	Manual retention and storage, automatic store function retention and storage				
Measurement judgement function	Pre-set PASS, WARNING, FAIL judgment thresholds				
Power Source	3.7V Lithium Rechargeable Batteries				
Size	190 x 121 x 51mm				
Weight	480g				



320x240 pixel, 16-bit true colour LCD



Adjustable tilt stand



Easy to Identify input terminals

MT247

Battery tester with Bluetooth 4.0

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