

# RJ6905 Li-ion battery Core AC Voltage Withstand Tester



## Product Description

RJ6905Li-ion battery Core AC Voltage Withstand Tester is a program-controlled voltage withstand tester, with a maximum output voltage of 1000VAC and maximum output current of 50mA, frequency 50Hz/60Hz is optional.

## Key Features

- Output voltage zero switching technology, voltage AC waveform zero point on and off to avoid generating voltage shock and voltage oscillation;
- Leakage current lower limit setting function, to avoid leakage caused by test line disconnection and effectively detect unqualified products with open circuit of the product under test;
- Memory function, setup parameters are automatically saved in the instrument, and it is convenient to call these parameters;
- It is capable of continuous (automatic) test, with real-time failure alarm;
- Standardly equipped with RS232 communication and PLC remote control ports to realize the automation data acquisition and remote control.

## Specification

Function		Technical specifications
Voltage setting	Setting range	50V~1000VAC
	Setting resolution	1V
Output voltage alarm		Dual alarms for exceeding upper and lower limits
Maximum rated load		50VA
Maximum output current		50mA

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High Voltage Transformer Capacity		1000V/50mA
Output voltage waveform	Waveform and mode	Sine waveform, input mode: SPWM
	Frequency	50Hz or 60Hz selectable
	Distortion	Better than 5% distortion under pure resistive loads
Leakage current alarm setting	Upper Limit Setting	
	Range	0.10~50.00mA
	Setting resolution	0.01mA
	Lower Limit Setting	
	Range	0.00~10.00mA(0.00=no judgment)
	Setting resolution	0.01mA
Test Time	Setting range	1.0~999.9s (LLLL=continuous output)
	Setting resolution	0.1s
	Timing Accuracy	±(1%st.+1dgt.)
Voltage Output	Output Range	50V~1000VAC
	Output Resolution	1V
	Output Accuracy	±(2%st.+5dgt.)
AC Leakage Current	Measuring range	0.100~20.00\50mA
	Resolution	0.001mA,0.01mA
	Accuracy	±(2.5%rdg.+5dgt.)
	DUT Abnormal Handling	Buzzer alarm, light alarm
Setting parameter storage	Storage Group	0~99
Other indicators	External Interfaces	RS232(Optional: RS485),PLC
	Operating Environment	0°C~40°C,20%RH~75%RH
	Power Supply	AC220V,50/60Hz
	Net weight	10.2kg
	External Dimension	300mm×88mm×380mm(W×H×D) without foot, foot height 15mm
	Attachment	1 instruction manual, 1 power cord (1.5 m), 1 communication cord (1.5 m), 1 set of test cables (1.5 m)