

RJ683X AC/DC Voltage Withstand and Insulation Tester



Product Description

RJ683X AC/DC Voltage Withstand and Insulation Tester, has the test functions of AC Voltage withstand, DC Voltage withstand, insulation resistance and it can provide fast and efficient safety testing for battery modules, pack, new energy vehicles, household appliances, power electronics and other products.

Key Features

- Meet the test requirements of CCC, IEC, EN, VDE, BS, UL, JIS and other mandatory standards for electrical safety;
- Automated articulation test for AC withstand voltage, DC withstand voltage, insulation resistance items;
- Arc detection, arc detection function, and output lockout when product testing arc alarms, so as to prevent irreparable damage caused by product burns from continuous arc discharge;
- Discharge function, DC withstand voltage or insulation resistance project after the test to set the discharge project, according to the size of the capacitance to set the discharge time, display the discharge process voltage, intuitive understanding of the discharge results;
- 30 test groups, 8 test steps per group, convenient operation;
- RS232 interface, PLC interface.

Selection Guide

Model	Alternating current voltage withstand	DC voltage withstand (DCW)	Insulation (IR)
RJ6836H	√	√	√
RJ6835H	√	√	√
RJ6833H	√	√	×

Specification

Model		RJ6836H	RJ6835H	RJ6833H
AC Voltage Withstand Test	Output Capacity	500VA (5000V/100mA)	200VA (5000V/40mA)	
	Output Voltage	Range/Resolution/Accuracy 50V~5000V /1V / ±(2%rdg.+5dgt.)		
	Voltage Frequency	Range/Accuracy 50Hz / 60Hz/ ±0.1%		
	Current lower limit setting	Range 0.00mA~99.99mA	0.00mA~40.00mA	
	Current Upper Limit Setting	Range 0.00mA~99.99mA	0.00mA~40.00mA	
	Time setting	Range/Resolution/Accuracy 1.0s~999.9s /0.1s/ ±(0.2%st.+2dgt.)		
	Current Measurement	Range/Resolution/Accuracy 0.10mA~99.99mA 0.01mA ±(2%rdg.+5dgt.)	0.10mA~40.00mA 0.01mA ±(2%rdg.+5dgt.)	
DC voltage withstand test	Output Capacity	60VA (6000V/10mA)		
	Output Voltage	Range/Resolution/Accuracy 50V~6000Vdc /1V / ±(3%rdg.+10dgt.)		
	Current lower limit setting	Range 0.000mA~9.999mA		
	Current Upper Limit Setting	Range 0.000mA~9.999mA		
	Time setting	Range/Resolution/Accuracy 1.0s~999.9s / 0.1s/ ±(0.2%st.+2dgt.)		
	Current Measurement	Range/Accuracy 0.000mA~9.999mA/±(2%rdg.+0.2%f.s. (20dgt.))		

National Service hotline: 4008-515-616

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Insulation Resistance Test	Output Voltage	Range/Resolution/Accuracy	25V~3000V/ 1V / ±(2%rdg.+5dgt.)
	Lower resistance limit setting	Range	0.3MΩ~99.9MΩ/100MΩ-50000MΩ
	Resistance limit setting	Range	0~50000MΩ
	Time setting	Range/Resolution/Accuracy	1.0s~999.9s/0.1s/ ±(0.2%st.+2dgt.)
	Resistance Measurement	Range/Accuracy	25V-199V: 0.3M-99.9M 3%rdg.+3dgt. 100M-500M 5%rdg.+5dgt. 200V-299V: 0.3M-99.9M-199M 3%rdg.+3dgt. 200M-4999M 8%rdg.+2dgt. 300V-3000V: 1M-99.9M-199M 2%rdg.+3dgt. 200M-4999M 5%rdg.+5dgt. 5000M-9999M 8%rdg.+2dgt. 10000M-50000M 15%rdg.+30dgt.
Other indicators	External Interfaces		RS232, PLC (Optional: RS485)
	Operating Environment		0°C~40°C,20%RH~70%RH
	Power Supply		AC220V,50/60Hz
	Weight		18kg
	External Dimension		342mm×133mm×460mm(W×H x D) excluding the feet height, the feet height is15mm
	Accompanying documents and Accessories		1 instruction manual, 1 power cable (1.5 m), 1 communication cable (1.5 m), 1 set of test cables (1.5 m)