

RJ683X AC/DC Voltage Withstand and Insulation Tester



CE

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 electrical safety standards;
- AC withstand voltage, DC withstand voltage, insulation resistance items automatic connection test;
- Arc detection function, product test arc alarm output lock, prevent continuous arc discharge product burn caused by irreparable damage;
- Filter function, for capacitive substance test, can relatively maintain data stability in the test, reduce the data surge caused by capacitor charge and discharge;
- Discharge function, set the discharge time according to the capacitance, display the discharge process voltage, and intuitively understand the discharge result;
- 30 test groups, each group of 8 test steps, easy to operate;
- RS232 interface, PLC interface.

National Service hotline: 4008-515-616

No.38 Longfei Road, Chengyang District, Qingdao

Official website: www.ruijie-ate.com

Specification

Model			RJ6836H	RJ6833H
AC Volt age With stand Test	Output Capacity		500VA (5000V/100mA)	200VA (5000V/40mA)
	Output Voltage	Range/Resolution/Accuracy	50V~5000V / 1V / $\pm(2\%rdg.+5dgt.)$	
	Voltage Frequency	Range/Accuracy	50Hz / 60Hz/ $\pm 0.1\%$	
	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/ $\pm(0.2\%st.+2dgt.)$	
	Current Measurement	Range/Resolution/Accuracy	0.10mA~99.99mA 0.01mA $\pm(2\%rdg.+5dgt.)$	0.10mA~40.00mA 0.01mA $\pm(2\%rdg.+5dgt.)$
DC volta ge with stand test	Output Capacity		60VA (6000V/10mA)	
	Output Voltage	Range/Resolution/Accuracy	50V~6000VDC/1V / $\pm(3\%rdg.+10dgt.)$	
	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/ $\pm(0.2\%st.+2dgt.)$	
	Current Measurement	Range/Accuracy	0.000mA~9.999mA/ $\pm(2\%rdg.+0.2\%f.s. (20dgt.))$	
Insu l atio n Resi stan ce Test	Output Voltage	Range/Resolution/Accuracy	25V~3000V/ 1V / $\pm(2\%rdg.+5dgt.)$	
	Lower resistance limit setting	Range	0.3M Ω ~99.9M Ω /100M Ω -50000M Ω	
	Resistance limit setting	Range	0~50000M Ω	

National Service hotline: 4008-515-616

No.38 Longfei Road, Chengyang District, Qingdao

Official website: www.ruijie-ate.com

	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	Arc detection		0 off 1~9 (1 is most sensitive)		
	Low-pass filtering		0 off 1~6 (step by step)		
	External Interfaces		RS232 (Optional: RS485), PLC		
	Operating Environment		0℃~40℃, 20%RH~75%RH		
	Power Supply		AC220V, 50/60Hz		
	Net weight		18kg		
	External Dimension		342mm×133mm×460mm(W×H x D)without foot, foot height 15mm		
	Attachment		1 manual, 1 power cord (1.5 m), 1 communication cable (1.5 m), 1 test line (3 m), 1 D-type connector		