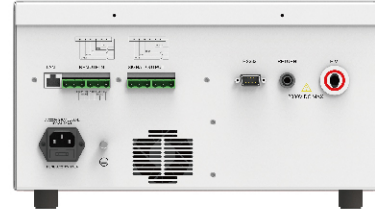
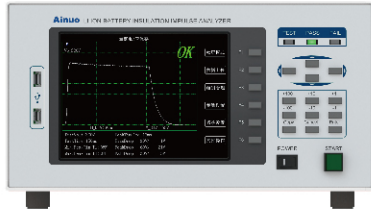


Lithium Battery Safety Tester AN8179F(F)



Product Introduction

Ainuo AN8179F(F) series is a special tester for the insulation of lithium battery cells, featuring quick test, high failure detection rate, low damage to failure point, and clear result display.

Fast test

The analyzer can test two parameters of the charging voltage wave and charging time of the lithium battery cell, completing one test within 50ms or more.

High detection rate

The analyzer can also accurately identify the micro-short-circuit conditions such as diaphragm perforation, impurities, and edge burrs of lithium battery cells in addition to testing the insulation failure of battery cells, preventing defective cells from entering the next process.

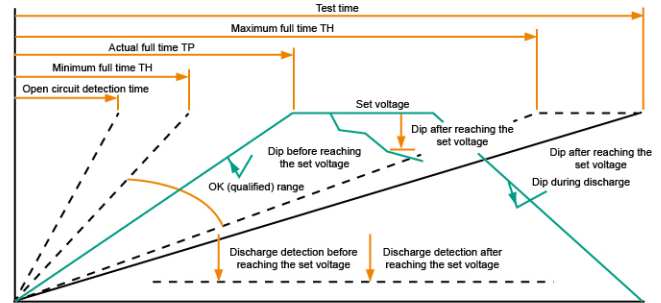
Low damage to failure point

The analyzer detects voltage drop in real time during charging/holding/discharging to detect any partial insulation failure as soon as possible, to avoid false

temporarily conformity after clearing hidden micro-short circuit point, and avoid excessive damage to micro-short circuit (which is not conducive to fault analysis).

Clear result display

The analyzer fulfills test, judgement and display via wave display, and setting of voltage dip upper/lower limit and charging time upper/lower limit. The judgment basis and results are displayed clearly.



Specifications

Model		AN8179F(F)
Test capacity of capacitor		20nF ~ 6000nF
Voltage setting	Charging voltage range	50 ~ 1000V (optional 2000V)
	Dip of rise voltage	0~100%, display OFF when it is set to 0, indicating that this parameter does not participate in the judgment.
	Hold voltage dip	0~100%, display OFF when it is set to 0, indicating that this parameter does not participate in the judgment.
	Discharge voltage dip	0~100%, display OFF when it is set to 0, indicating that this parameter does not participate in the judgment.
Time	Test time T	10 ~ 3000ms
	Charging time TL/TH	10 ~ 3000ms
	Discharging time	Up to 2000ms (related to battery capacity)
Judgment method		Voltage dip, charging time
Standard parameter storage		100 groups
Display		8.0" TFT LCD, 800 × 600 dot matrix
Waveform Display		Time-horizontal axis, Voltage-vertical axis, 8*8 squares
Interface		RS232、LAN、USB、PLC
Dimensions W × H × D(mm)		350 × 187 × 360