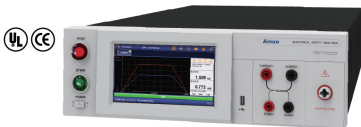


Lithium Battery-Intelligent Safety Regulation Comprehensive Analyzer ANBTS743xH(F) Series



Front panel output terminals available (default: none)



optional rear panel output
for DC Ground Bond card

Product Overview

- The ANBTS743xH(F) Series Intelligent Safety Regulation Comprehensive Analyzer from Ainuo Instrument Co., Ltd. combines functions such as AC withstand voltage, DC withstand voltage, insulation resistance, AC ground bond, DC ground bond, as well as auxiliary functions including voltage ramp-up and ramp-down, arc detection, capacitance test (Y-capacitor, open and short circuit detection).
- Addressing the unique product features and test requirements of power batteries and energy storage batteries, the series of products have added special testing functions, including waveform display, grounding/floating ground, low-pass filtering, rapid discharge, residual voltage monitoring, and other special functions.
- The series of products offer a wide range of measurement options, including AC withstand voltage 5kV/100mA, DC withstand voltage 6kV/20mA, insulation resistance 6kV/100GΩ, AC ground bond 64A/600mΩ, and DC ground bond 60A/600mΩ (rear panel plug-in card output), with multiple channel switching cards.



Features

- Safe and reliable**
 - Main drafting unit of state standards and verification regulations for safety testing products
 - Nearly 30 years of safety testing expertise and follow-up of industry needs
 - Complete EMC, environmental, load, working conditions, and fatigue test verification
- Convenient and efficient**
 - Waveform Display: parameter waveform display, supporting cursors, zoom, and playback
 - Auxiliary functions: floating ground/grounding mode, low-pass filtering and residual voltage monitoring
 - Quick measurement and control: Quick test, quick switching and quick discharge
- Intelligent test**
 - Barcode Recognition: Barcode scanning, program matching, automatic startup, package
 - Data management: local storage, network transmission, direct connection with MES system
 - Rich ports: RS232, LAN, WIFI, USB, PLC and I/O control interfaces

Specifications

Model	ANBTS7436H(F) ACW/DCW/IR	ANBTS7438H(F) ACW/DCW/IR/GB
AC withstand voltage (ACW)	5kVac/100mA	
DC withstand voltage (DCW)	6kVdc/20mA	
Insulation resistance (IR)	6kVdc/100GΩ	
Ground bond resistance (GB)	None	64Aac/600mΩ
DC ground bond resistance (DCGB)	Optional 60Aac/600mΩ DC grounding card	
Capacitance test (C)	Optional: 10nF-300nF capacitance measurement	
Parallel function	Optional: Parallel functions including grounding, insulation withstand voltage	
Multi-channel switching	Optional multi-channel high voltage and multi-channel grounding scanning card;	
Operation interface	when selecting the DC ground bond card at the same time, the height needs to be increased by 1U Android system, 7-inch touch screen, and RS232/LAN/WIFI/PLC/USB interfaces	
Dimensions (W*H*D mm)	426×132×520	