

Battery Discharge Tester

General information about ADBC-101DT Battery Discharge Tester

Main Functions:

- ✓ Discharge and capacity evaluation function
- ✓ On-line monitoring function
- ✓ When the battery pack is under the state of online discharge, uniform charge and floating charge , perform real-time on-line monitoring for all cells, Includes pack voltage, cell voltage, charge/discharge current, monitoring
- ✓ time & charge/discharge capacity of battery pack and etc. Support constant current discharge , constant power discharge mode. Can know the real capacity, also can know the backup supply power time.
- ✓ Quick precision to know battery condition (good or bad)
- ✓ When on-line discharge , can monitor cell voltage, wireless is optional, One wireless module can monitor 24 cells (1.2V2V4V68V12V), battery pack is 48V, cell is 2V, only use one wireless module.
- ✓ Do capacity discharge test, can set up four discharge end condition Battery, pack voltage, Cell voltage, Discharge time, Discharge capacity
- ✓ Instrument has parallel function can also be external load, making the instrument can test all kinds of large capacity battery



Main Features:

- Inch color LCD display, can operate by touch and click the button.
- Operation is easy and convenient, procedure is clear , can check from the screen interface.
- Test voltage range is from 10V-300v, maximum discharge current is 120A.
- Instrument can do analysis for the main test histogram and the curve, also can do curve comparison .
- The voltage curve can be enlarged, reduced, convenient to check.
- need upload the PC, also can analysis the data clearly Discharge parameter template function, use preset parameters, can begin discharge test.
- Overvoltage protection, over current protection, Battery voltage polarity reverse connection protection
- Powerful communication function With SD card, the user can perform long-term historical data storage and analysis.
- Comprehensive Analysis software
- This software is English designed , and it can automatically create voltage /current histogram, curve chart and test report (include Excel and Word document)
- Self-protection
- When the instrument detects abnormal phenomenon of battery or working , it automatically stops testing for protecting battery



Technical specification of the device:

- Battery pack voltage range:10V-18V/18V-150V/180V-300V
- Battery voltage resolution:0.01V-0.01V-0.01V
- Voltage testing precision:0.5%-0.5%-0.5%
- constant power adjust range:600W-18000W
- Discharge current working range:0-60A/0-120A/0-60A
- Discharge current precision:0.1A-0.1A-0.1A
- Current testing precision:1%-1%-1%
- Cell voltage application:2V/6V/12V-2V/6V/12V-2V/6V/12V
- Cell voltage testing range:24 cell (2V/6V/12V)
- Cell voltage resolution:0.01V
- Working voltage:220Vac(-20%--+30%),45-65Hz :
- withstand voltage test
- Input – shell : 2200Vdc 1min
- Input – output : 2200Vdc 1min
- Output – shell : 700Vdc 1min
- Safety:EN610950
- Cooling mode:Air cooling system
- Communication mode:RS232 & SD card
- Display:7 inch color touch LCD screen
- Temperature
- Working range : -5~50°C
- Storage range : -40~70°C
- Humidity:0~90% RH (40±2°C)
- Noise:< 60dB
- Altitude:4000M
- Size:740×270×450mm
- Weight:less than 40KGS

