



HTCFDK Battery Charge and Discharge Tester



Product Introduction

After many years of development, with its proprietary technology, the development of a successful series of intelligent degree and high precision battery discharge tester. This tester can realize constant discharge of discharge current at set value by continuously regulating discharge current under off-line state of battery as discharge load. When discharging, the instrument will automatically stop discharging when the battery terminal voltage or monomer voltage falls to the set lower limit, or the set discharge time or the set discharge capacity, and record all valuable and continuous real-time process data.

This tester system the voltage monitoring information of single battery is simple, safe and accurate with wireless relay access.

The instrument has a very friendly man-machine interface, not only can be done under the menu prompt a variety of settings and data query, data and discharge process, are stored in the device's

memory, through data interface can be archived to the U disk, and through the upper machine of special software to analyze data and generate need curve and report.

This instrument has perfect protection function, not only sound and light alarm, but also clear interface tips.

Product Parameters

Working mode	can be used alone, can be used simultaneously, can be remote control and status monitoring			
Charging voltage	10~300V		10~600V	
Charging current	0~40A	0~60A	0~30A	0~60A
Discharge voltage	10~300V		10~600V	
Discharge current	19~180V:150A	180~300V:80A	10~300V:100A	300~600V:50A
Accuracy of current	1%			
Voltage accuracy	0.5%			
Monomer voltage accuracy	0.2%			
Monomer voltage	0.500V~16.00V(resolution 1mv)			
Charge discharge time	0 ~ 99 hours and 59 minutes			
Power supply	AC:220V/380V			
Cooling way	forced air cooling			
Handling way	industrial universal wheel			

Work Environment

Heat dissipation	forced air cooling
Temperature	working range: -5 ~ 50°C storage temperature: -40 ~ 70°C
Humidity	relative to humidity0 ~ 90% (40±2°C)
Altitude	rated altitude: 4000 m
Noise	< 60dB

Working Power Supply

Voltage	single-phase three-wire system: 220V AC (- 20% ~ +30%), frequency :45 ~ 65Hz
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Withstand voltage test	input - housing: 2200V DC 1min
	input-output: 2200V DC 1min
	output - housing: 700V DC 1min
Security	meet EN610950

Wiring

AC input	Gb socket, suitable for 1 ~ 1.5mm ² cable
DC output	instrument 25 mm ² Cable quick connect plug (red positive black negative)

Product features

- 1、 10 ~ 600V wide voltage design, single machine can meet a variety of voltage grade battery pack charge and discharge test,voltage continuously adjustable
- 2、 Charging, discharging, monomer detection, online monitoring and activation five integrated, complete functions, one machine multi-purpose
- 3、 With the wireless monitoring function of monomer voltage, each wireless monitoring module can monitor 12 monomers at the same time
- 4、 With Chinese background analysis software, with remote control discharge function
- 5、 The host is equipped with USB interface and 2G super capacity internal data storage space
- 6、 Double cpus work together to ensure the safety, reliability and accuracy of the test
- 7、 The discharge can be suspended and the parameters can be modified without the termination of the discharge test