



## HTCFD Battery Charge and Discharge Tester



### **Product Introduction**

After years of research and development, our company has successfully developed battery charge and discharge tester, which is highly intelligent and accurate, with its proprietary technology. This tester can be used as a discharge load in the off-line state of the battery and realize constant discharge of the set value through continuous control of discharge current. During discharge, when the terminal voltage of the battery, or the voltage of the single battery falls to the set lower limit, or the set discharge time reaches, or the set discharge capacity, the instrument will automatically stop discharging and record all valuable and continuous real-time data of the process.

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

Battery charge and discharge tester it has a very friendly man-machine interface, which can not only complete all kinds of settings and data query under the prompt of menu, but also save the process data of discharge in the memory of the equipment, transfer to the U disk through the data interface, and analyze the data through the special software of the upper computer to generate the required curve and report.

Battery charge and discharge tester there is perfect protection function, not only sound, light warning, but also a clear interface tips.

Product nickname : battery charge and discharge tester

### Product Parameters

Working mode	can be used alone, can be used simultaneously, can be remote control and status monitoring			
Applicable battery	48V	110V	220V	380V
Charging voltage	40~60V	95~150V	190~300V	350~450V
Charging current	10~150A	1~80A	1~40A	1~20A
Discharge voltage	10~60V	80~135V	80~270V	300~460V
Discharge current	0~150A	0~200A	0~100A	0~60A
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
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 <sup>2</sup> cable
DC output	instrument 25 mm <sup>2</sup> Cable quick connect plug (red positive black negative)

### **Product features**

- 1、 The instrument adopts a color touch screen display and a non-marked button with full Chinese character menu prompts.
- 2、 It has a high degree of automation, reliable work, good repeatability, and extremely simple operation.
- 3、 All tests can be completed by simply pressing the menu prompts after turning on the machine.