



## HTFD Battery Discharge Tester



### Product Introduction

After years of research and development, our company has successfully developed a series Battery discharge tester with high intelligence and precision with its proprietary technology. Discharge tester can be in offline mode, battery as discharge load, through continuously regulating discharge current, constant discharge current at the set value can be realized. 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.

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

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

Product nickname : battery 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	other electrical test groups can be customized
Discharge voltage	0~60V	88~132V	176V~275V	300V~456V	
Discharge current	0~150A	0~100A	0~100A	0~30A	
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				
Cooling way	forced air cooling				
Packaging	aluminum alloy pull box				

### 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、 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