

V02750 Battery tetester

Technical parameters

Wuhan Weiou Power Equipment Co., Ltd

catalogue

I. Product overview.....	1
li. Equipment composition.....	1
III. Technical Requirements.....	3
IV. Main technical indicators.....	5
V. Service quality requirements.....	6

detailed information

Equipment name: the battery discharge tester

Model number: VO2750

Quantity: 1 set

Manufacturers: Wuhan Weiou Electric Power Equipment Co., Ltd

I. Product overview

The VO2750 battery discharge tester is specially designed for the battery pack check discharge test, capacity test, daily maintenance of the battery pack, engineering acceptance and other DC power supply load capacity test. The instrument can be designed for the whole set voltage of 24V battery.

The power consumption part of the VO2750 battery discharge tester adopts the new PTC ceramic resistance as the discharge load, which completely avoids the red heat phenomenon, and is safe, reliable and pollution-free. The whole machine is controlled by the microprocessor, LCD display and Chinese menu. Novel appearance design, small volume, light weight, easy to move. After the various discharge parameters are set, the whole constant current discharge process is automatically completed. Fully realize the intelligence. Make the entire discharge process safer.

The portable and intelligent professional design of the VO2750 battery discharge tester makes the discharge test work simple and easy, which greatly reduces the labor intensity of the professional maintenance personnel, and also improves the scientific and intelligent discharge test.

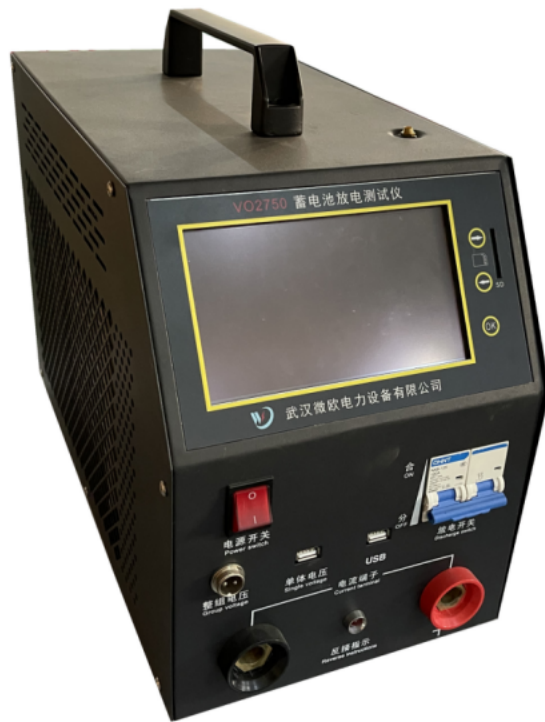
II. Equipment composition

2.1 Equipment quantity

order numb	name of a part	quantity	remarks
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er			
1	Battery discharge monitor host	1	
2	U, tray	1	
3	Discharge cable	2	One red and one black
4	Voltage monitoring line	1	
5	Current sensor (optional, standard without standard)	1	Different current levels, different measuring range.
6	Host antenna	1	
7	The AC220V power cord	1	
8	instructions	1	
9	ground lead	1	
1-	Aluminum alloy packaging box	1	

2.3 The Instrument Diagram



Note: Product size is different due to voltage level current size

III. Technical requirements

1) Main characteristics of the products

1、 Small volume, light weight, suitable for the communication and power industry power supply rooms, large maintenance workload, long journey,

and complex terrain.

- 2、 Easy to carry, integrated module packing transportation, high strength aluminum alloy rod box, by the rear wheel

Weight-bearing, easily pull.

- 3、 Production as PTC ceramic resistance avoids the red heat phenomenon and makes the whole discharge process safer.
- 4、 There is a USB interface to deposit the data from the discharge process into the U disk and import it into the PC machine. PC count

According to the management software, you can analyze the process of battery discharge and can generate corresponding data reports.

- 5、 Intelligent single-chip ARM control, LCD in Chinese and English display. The menu operation is so simple and straightforward.
- 6、 Test / discharge termination conditions can be set, including single cell voltage, battery pack termination voltage, and discharge

Electric current and discharge time.

- 7、 The battery pack capacity can be estimated by a short-time discharge (10 minutes).
- 8、 The whole set of voltage, current size, real-time release capacity and monitoring time.

9、 The instrument has perfect protection and alarm function. When the equipment wiring error, wrong setting, too high temperature or abnormal discharge, the instrument will emit sound and light alarm and prevent further testing.

2) Main functions of the product

Function 1: Check the sexual discharge experiment

The check capacity test can be conducted on the battery pack to continuously set the discharge current, discharge the set constant discharge current, monitor the voltage of the battery pack and each battery during the discharge process, and measure the capacity of a single battery and the battery pack.

During the discharge process, the comprehensive discharge protection conditions can be set:

- 1、 Total voltage of battery pack
- 2、 discharge time
- 3、 discharge capacity

When any condition is reached, the instrument automatically stops the test to avoid the damage to the battery caused by excessive discharge.

Function 2: Short-time capacity test function

The equipment can use rapid discharge for 10~20 minutes to quickly test the internal resistance and discharge capacity of the single battery, and quickly determine the performance and capacity of the battery.

Function 4: Data management function

Perfect computer management analysis and monitoring software, has a powerful data processing function, using an advanced mathematical model, to conduct a comprehensive analysis of multiple battery measurement results, to accurately judge the battery performance, and can be checked

Query the real-time battery running status and historical data, including various parameters, curves, and automatically generate reports.

IV. Main technical indicators

specifications	24V -200A
Applicable battery	24V system
Full set of range of voltage measurement	0~35V
Whole set of	0.01V

voltage measurement accuracy	
Whole set of voltage test accuracy	0.5%
Operating range of the discharge current	1~200A
Constant current discharge voltage range	15—35V
Adjustable accuracy of the discharge current	0.1A
Current measurement accuracy	1%
work pattern	It can be used in stand-alone mode and in parallel mode
The whole group of over-limit voltage is terminated	(√)
The release capacity is terminated	(√)
The discharge time is terminated	(√)

The contents of the report include	Whole set of voltage curve, capacity, etc
working voltage (AC)	AC220V±10%
Refrigeration method	Strong wind refrigeration
work environment	Temperature: -5~50℃; Humidity: 5%~90%
communication interface	RS232 and the USB
LCD parameters	A 7-inch color screen, very bright
weight	≤26 Kg
Volume (length, width, and height)	custom made
Mobile way	Portable portable

V. Service quality requirements

1. Data requirements

Provide complete technical data, instrument configuration list, complete instructions (if the English version to provide the corresponding Chinese instructions), and bring electronic instructions and test report. All kinds of documents are complete, including the product qualification certificate, the warranty card. Goods transport delivery to the door, strict packaging, do a good job of earthquake prevention and fall and moisture-proof measures.

2. After-sales service

The company has a one-year warranty for the products sold. Please contact the after-sales service department for required maintenance. 177 2050 2230 Email: whwodl@qq.com contact

2. Maintenance costs receivable for any of the following conditions during the warranty period:

- 1) Fault or damage caused by impact during user use or handling.
- 2) The user is not properly stored, resulting in water seepage, moisture absorption, impact or fire introduction of the instrument.
- 3) Fault or damage caused by the user himself or entrusting other units.
- 4) The user fails or damages the equipment due to the wiring error.
- 5) Failure or damage caused by force majeure (e. g., fire, flood, natural disaster, etc.).
- 6) Fault or damage caused by failure to connect other equipment in accordance with the operating instructions.
- 7) No product warranty card and unable to confirm that the instrument is in the warranty period.

3. Acceptance standards and training methods (negotiated by both parties)

The Employer shall adopt the on-site operation mode (or other) for the equipment acceptance, and the Supplier sends technical personnel to the site for testing and training to ensure that the equipment operation indicators are qualified, and the Employer shall fully cooperate.

The Supplier shall conduct regular technical training for the Demander personnel, which includes: correct use and operation of equipment, application of software functions, daily maintenance of equipment and general fault troubleshooting, etc., so that the operator can have a comprehensive understanding of the performance of the equipment, skillfully operate the complete set of equipment and software, and can handle general faults, and provide necessary technical guidance for the training personnel.