

DFT-6600 Battery Charger-Discharger



DFT-6600 Tester Overview:

This DFT-6600 Tester can charging, discharge, single body detection, online monitoring and activation of 5-in-1 multi-purpose, which Reduce the cost and reduce the labor intensity of maintenance personnel, and provide comprehensive scientific detection methods for battery and UPS power maintenance.

- This DFT-6600 Tester adopts new power consumption components, patented technology manufacturing, to achieve constant current discharge,
- Smart 3-stage charging, equal-charge / float-charge, constant current / constant voltage automatic conversion function;
- Real-time online circuit detection of the voltage of each single battery or the entire String of batteries,
- Real-time online display, detection, recording of the voltage of a single cell or the entire String of batteries,
- storing or transmitting the data to the PC; Large-screen LCD display, full English menu prompts, easy to operate, high degree of smart,

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- Set and control voltage, current, time, capacity and other parameters, automatically complete the test and monitoring of various parameters of the battery string;
- Automatic discharge/charging, which can activate the battery and extend the service life of the battery.
- After charging/discharging, the detected data can be directly uploaded to the PC through the RS232 interface or transferred to the U-disk on site;
- The supporting data processing software processes the data information collected by the discharge/charging, analyzes the remaining capacity of the battery, and generates various charts, which provides a scientific basis for analyzing the performance of the battery

DFT-6600 Tester Features:

- 5- in-one of charging, discharging, single-cell detection, online monitoring and activation with complete functions as one DFT-6600 Tester for multi-purpose.
- Smart three-stage charging, constant current discharge, real-time online circuit detection of each single battery parameters.
- The power consumption component adopts new efficient resistor, which is safe & redfree heat phenomenon and has a long life.
- The application of single-chip microcomputer to U-disk data transfer technology solves the problem of large-capacity data storage.
- After the end of charging/discharging, the data can be automatically generated after the data is transferred by the U-disk or uploaded by the RS232 interface to the computer background processing, and the battery performance is clear at a glance.
- Portable design, convenient for users with strong mobility.

DFT-6600 Tester Functions:

- LCD touch screen display with full English menu prompts, easy to operate with high automation, it can set the Parameters of voltage, current, Tim, capacity, cycles No. and etc, and automatically complete the test monitor of various parameters of the battery string.
- **Real-time online monitoring function:** real-time online monitoring, display all test data: current, battery string voltage, single battery voltage, time, capacity, etc., while storing and transmitting the data to the PC, displaying and printing various charts.
- **Automatic discharge & charging function:** It can set the high limit and low limit of the current, duration, capacity and voltage of the discharge/charge, and can cycle the discharge and charging process.
- **Battery activation function:** Set the number of discharge and charging cycles, and activate the battery string.
- **Automatic Stop function:** It can automatically stop discharging/charging when any of the following conditions are met: time to, capacity to, single battery protection voltage to and the whole String of battery protection voltage to.
- **Protection function:** If there is a voltage abnormality, automatically stop charging or discharging.
- **Calibration correction function of voltage and current display value:** It mainly calibrates the total voltage, current and single battery voltage of the battery string.
- **U-disk data transfer function:** charging, discharging, automatic discharge or after the end of battery activation, the collected data can be transferred to the U-disk, and then the U-disk will put / charge the collected data transferred to the PC, after the supporting data processing software processing, display, print a variety of charts. Provide a scientific basis for judging the advantages and disadvantages of whole Strings or Single batteries.

DFT-6600 Tester series Technical index:

Item	Models					
	48V150A	48V200A	110V50A	220V50A	220V150A	380V20A
Total discharge voltage(Rated)	48V	10~60V	98~121V	180~286V	180~286V	304~456V
Total charge voltage output	2~58V	43~60V	99~121V	180~286V	180~286V	304~456V
Charging current	0~150A	0~200A	0~50A	0~50A	0~150A	0~20A
Discharge current	0~150A	0~200A	0~50A	0~50A	0~150A	0~20A
Access load voltage	48V	48V	110V	220V	220V	380V
Size(mm)	178×380×403	225×418×425	638×500×600	178×380×403	525×732×980	706×500×522
Weight (Kg)	15	45	60	55	80	65
Sampling accuracy	Total voltage: resolution 10mV, accuracy 0.1V Monomer voltage: resolution 1mV, accuracy 10mV Current: Resolution 0.1A, accuracy 1A					
Charging & discharging unit voltage	0.000V~16.00V					
Charge and discharge time	0~9 hours & 59 minutes					
Cooling method	Forced air cooling					
Discharge load	Efficient resistor					
Screen size	TFT 5 -inch color LCD					
Working power supply	AC 3P4W 380V					
Working environment	Temperature 0 ℃~50 ℃ Humidity5%~90%					
Communication interface	Data storage: USB parallel communication: WIFI					

Note: the DFT-6600 Tester current and voltage can be specially customized according to user needs,