



DFT-6700 Battery Charger Users Manual



THOMSON TECH CO LTD

www.thomsontesting.com

Table of Contents

Use notice & Reading tips	2
Chapter 1 Overview	4
1.1. DFT-6700 Tester Usage	4
1.2. DFT-6700 Tester Functions.....	4
1.3. DFT-6700 Tester Features.....	5
1.4. Working schematic diagram.....	6
Chapter 2 Shape & structure	8
2.1. The host schematic diagram.....	8
2.2. Package List.....	9
2.3 Main Parts Pictures	10
Chapter 3 Connection	11
3.1. Preparations	11
3.2. Host connection	11
3.2.1 Charge cable connection	12
3.2.2 Voltage test line connection	13
3.2.3 Others.....	13
3.2.4 Illustration of safe operating instructions:.....	13
3.3. Cell-Data-Case connection	13
3.4 PC connection	17
3.5. Running.....	17
Chapter 4 Functions and operating procedures	18
4.1. Starting Boot.....	18
4.2. Battery Charge	18
4.3. Data management	22
4.4. System settings	23
4.4.3 System Calibration (Authorization)	25
Chapter 5 Routine maintenance	26
Chapter 6 FAQ & Tips	27

Use notice & Reading tips

Use notice

This manual is intended to guide the user in operating the DFT-6700 Tester.

The operator must have the qualification of electrician or above.

- The operator should pay special attention to the safety of personnel and equipment during use.
- The DFT-6700 Tester belongs to the precision test equipment, in the process of use should be lightly handled, do not throw and throw, the result of the light will lead to the deformation of the shell, the heavy will lead to the failure of internal components, affecting normal use.
- Avoid splashing liquids onto the surface of the smart control charge monitoring DFT-6700 Tester to avoid permanent damage caused by entering the system, and flammable gases may cause explosions.

For your safety, please read the entire contents of this manual before operating the DFT-6700 Tester. The surveyor should be familiar with the characteristics of the system under test. It is important to take the correct testing steps to avoid injury to yourself and others in the work area and to detect damage to your equipment.

Ensure that the operator has a comprehensive understanding of the battery, charging system and relative device starting before using this tester. Before using this tester, be sure to refer to and follow the relevant safety precautions and test procedures provided by the THOMSON of the equipment under test.

Safety Information: Security information is used to avoid casualties and damage to equipment.

Reading & understanding and comply with the safety information and instructions in this instruction manual, including follows:

Dangerous! Indicates a very urgent and dangerous situation that could result in serious casualties if not avoided.

Warning! Indicates a potentially dangerous situation that could result in serious casualties if not avoided.

Note! Indicates a potentially dangerous situation that may result in general personal injury if not avoided.

Significant! Indicates a potentially hazardous situation that could result in damage to the test equipment if not avoided.

Prompt! Do not operate the Air (Control) Switch during charge

Important safety guidelines

Warning

- **Explosion hazard!** The gas produced by the battery is extremely explosive.
- Reading & understanding and follow all guidelines with the tester, battery, and any other equipment near the battery.
- No Smoking & No lighting matches, and placing metal tools near or creating sparks near the battery are prohibited.
- The terminals should be cleaned before using the tester. Take care to protect your eyes, nose and mouth when cleaning. Soda and water can be used to neutralize acidity to reduce the corrosiveness of the air.
- Do not place the tester in rain or snow or in a humid environment.
- Do not allow battery gas or sulfuric acid to touch the tester's housing.
- Never charging, testing, or loading to a frozen battery. The battery should be thawed and warmed to room temperature before performing the above operations. Charging or testing a frozen battery can cause the battery to explode and injure people.
- Before performing the test, confirm that all test connectors are connected according to the guidelines.
- Make sure that the two battery clips are securely connected to the battery.
- Battery explosions can cause casualties.

Warning!

Prevent burns

The current generated by the battery short circuit is enough to melt down various ornaments and make them weld to metal. So please remove various ornaments while working near the battery.

Any short circuit will result in injuries!!!

Chapter 1 Overview

1.1. DFT-6700 Tester Usage

This DFT-6700 Tester can charging, single cell testing, online monitoring as 3-in-1 multi-purpose, which reduce the cost and reduce the labor intensity of maintenance personnel, and provide comprehensive scientific testing methods for battery and UPS power maintenance.

The Smart portable DFT-6700 Battery Charger adopts new advanced edge resonant soft-switching technology, which can be plugged in and unplugged. Smart portable charger adopts new power consumption components, patented technology manufacturing, smart three-stage charging, equal charge/float charge, constant current/constant voltage automatic conversion function; Real-time online display, testing, recording of the voltage of a single cell or a whole set of batteries, while storing or transmitting data to the PC; Large-screen LCD display, full English menu prompts, easy to operate, high degree of intelligence, can set and control voltage, current, time, capacity and other parameters, automatically complete the test and monitoring of various parameters of the battery pack; After charging, 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 charge, analyzes the remaining capacity of the battery, and generates various charts, which provides a scientific basis for analyzing the performance of the battery

1.2. DFT-6700 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-cell voltage, time, capacity, etc., while storing and transmitting the data to the PC, displaying and printing various charts.
- **Automatic charge & charging function:** It can set the high limit and low limit of the current, duration, capacity and voltage of the charge/charge, and can cycle the charge and charging process.
- **Battery activation function:** Set the charge and charging cycles No., 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-cell protection voltage to and the whole String of battery

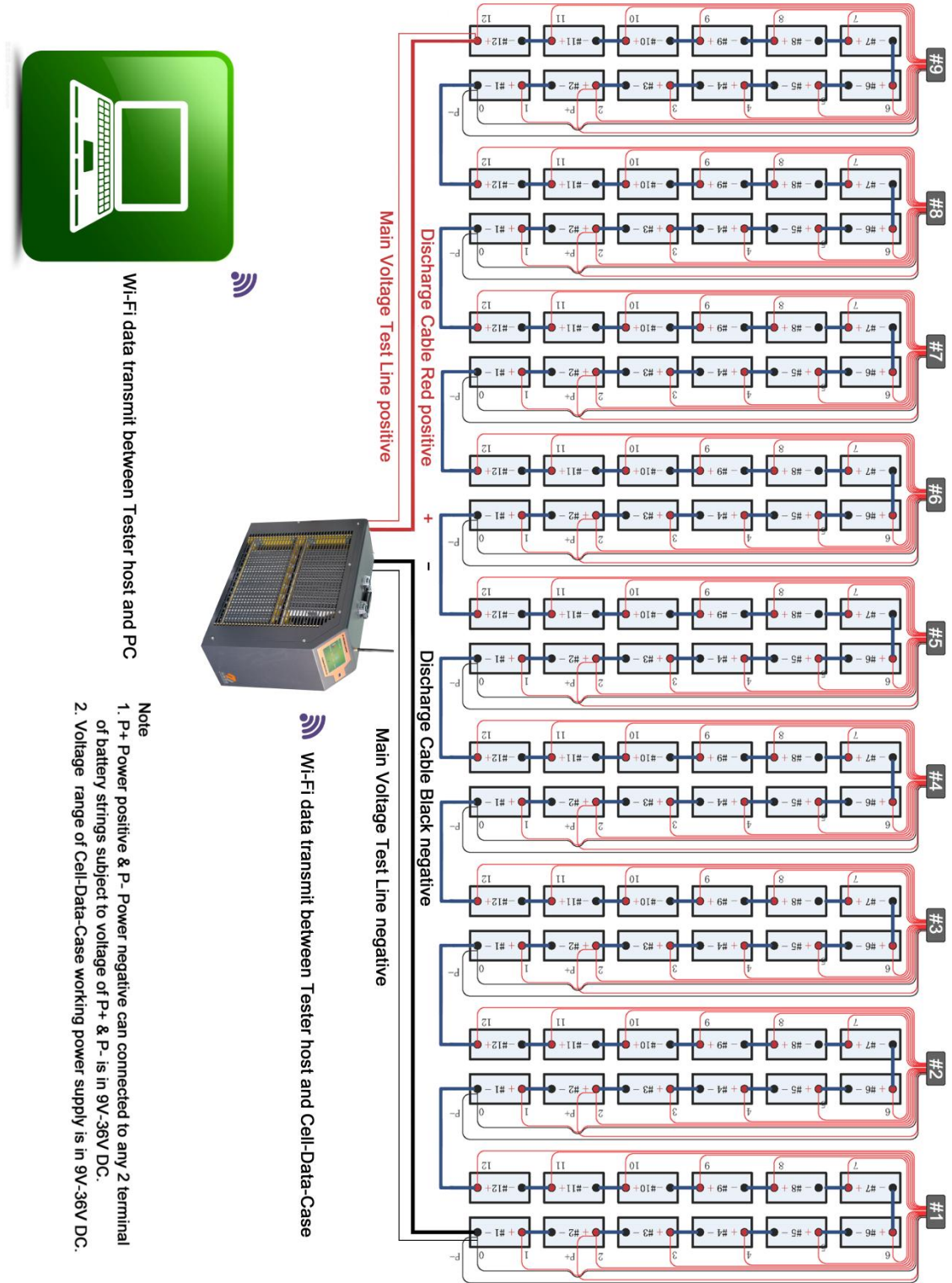
protection voltage to.

- **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-cell voltage of the battery string.
- **U-disk data transfer function:** charging, discharging, automatic charge 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.

1.3. DFT-6700 Tester Features

- 3- in-one of charging, single-cell testing, online monitoring with complete functions as one DFT-6700 Tester for multi-purpose.
- Smart three-stage charging, constant current charge, real-time online circuit testing of each single-cell 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.

1.4. Working schematic diagram



1.5. DFT-6700 Technical Index

Item	Project	Technical indicators
AC input	3P4W input	380V 50Hz
	Voltage variation range	323V-437V
	Frequency variation range	50Hz±10%
	DC output rated voltage	220V, 176V-264V
	DC output rated current	20A
	Output current limit range	(10%-100%)×rated current
DC output	Voltage Regulation precision	≤0.5%
	Steady Current precision	≤0.5%
	Ripple coefficient	≤0.1%
	Productivity	≥94%
	Dynamic response	≤200us
Insulation	insulation resistance	DC500V,>2M
	Dielectric strength	AC1500V/50Hz,1min
Size		520×180×393mm
Weight		15kg
Display size		5 -inch LCD large color touch screen
Storage capacity		4M Flash

Note*: customized according to user needs

Chapter 2 Shape & structure

2.1. The host schematic diagram










Figure 2-1 DFT-6700 series tester Host (images only for reference)

2.2. Package List

S/N		Release Date	
QC		QA	
Item	Parts Name		Quantity
1	Host		1
2	String Voltage line		1-Red + 1-Black
3	Charge cable		1-Red + 1-Black
4	U-disk		1
5	Power Lead		1
6	Ground wire		1
7	Instruction manual		1
8	Box		1
	Cell-Data-Case optional with PC Data Software		No. differ to 2V, 4V, 6V, 12V etc
9	Cell-Data-Case		N rationed according to actual conditions
10	Cell-Data-Case voltage line (12-Red Cell +1-Black)		N Kit
11	Cell-Data-Case ramp (12-Red +1 Black)		N x (12+1)
12	Antenna		1

2.3 Main Parts Pictures

 <p>Box</p>	 <p>String Voltage line</p>
 <p>Charge and charge cable</p>	 <p>Cell-Data-Case voltage line (12-Red Cell +1-Black Ground)</p>
 <p>Cell-Data-Case (2V, 6V, 12V)</p>	 <p>Antenna</p>
 <p>Cell-Data-Case ramp (12-Red +1 Black)</p>	 <p>Power Lead 220V</p>

Chapter 3 Connection

3.1. Preparations



Confirm that the voltage level of charged battery string is consistent with the charge tester!

Before connecting to the DFT-6700 Tester, first confirm that the charged battery string has exited the operating state and has been disconnected from the charging power and load. Avoid accidents during charge.

There is enough space around the battery string and the DFT-6700 Tester,

There are No flammable and explosive materials around the site

There are No flammable and explosive gases in the air.

Check that the DFT-6700 Tester is in good condition and that the power switch is in an open state.



There must be no inflammable and explosive materials around the work.

The air must not contain flammable and explosive gases to prevent the occurrence of explosions!

3.2. Host connection

- a) The Air (Control) Switch of the tester back should be in a closed position, if not, please close;
- b) The host power switch is in the off position;
- c) Plug in the host power lead;

3.2.1 Charge cable connection

- a) Connect the host side first, insert and tighten the black quick plug at the convex alignment charge tester black quick connect socket notch, and the red quick plug at the raised alignment charge tester red quick connect socket notch inserted and tightened;
- b) Black charge cable large test clip connected to the battery string negative, red large test clip connected to the battery string positive;
- c) Now Can turn on the host power on;

Note:

- a) If there is a spark found in the process of discharging the cable clip battery string electrode, please remove the clip, stop the charge testing, and contact the THOMSON;
- b) When wiring, first connect the DFT-6700 Tester and then connect the battery, and first remove the clip at the battery end when disconnecting the wire;
- c) When the coupling connector is connected to the quick connecting socket, it needs to be rotated and tightened clockwise to prevent falling off! Rotate counterclockwise to remove at the end of charge.
- d) It is forbidden to only operate the Air (Control) Switch on the back of the tester for stopping discharging, please disconnect the open circuit by removing the charge cable clip!



When connecting the charge cable and the voltage test cable, pay attention to safety to prevent electric shock and short circuit !

3.2.2 Voltage test line connection

Due to the large charge current, in order to accurately measure the voltage of the battery string, a Special voltage test line is provided. One end of the voltage test line is connected to the voltage test socket of the DFT-6700 Tester, the other end of red clip is connected to the positive pole of the battery string (busbar), and the black clip is connected to the negative pole of the battery string (busbar).

Be careful that Positive and Negative Terminals not to reversed!

3.2.3 Others

Connect the host antenna reliably to the antenna socket of the host of the DFT-6700 Tester.

3.2.4 Illustration of safe operating instructions:

After completing the wiring of the preparatory work, it is necessary to correctly select the Air-switch according to the requirements of the operation.

3.3. Cell-Data-Case connection

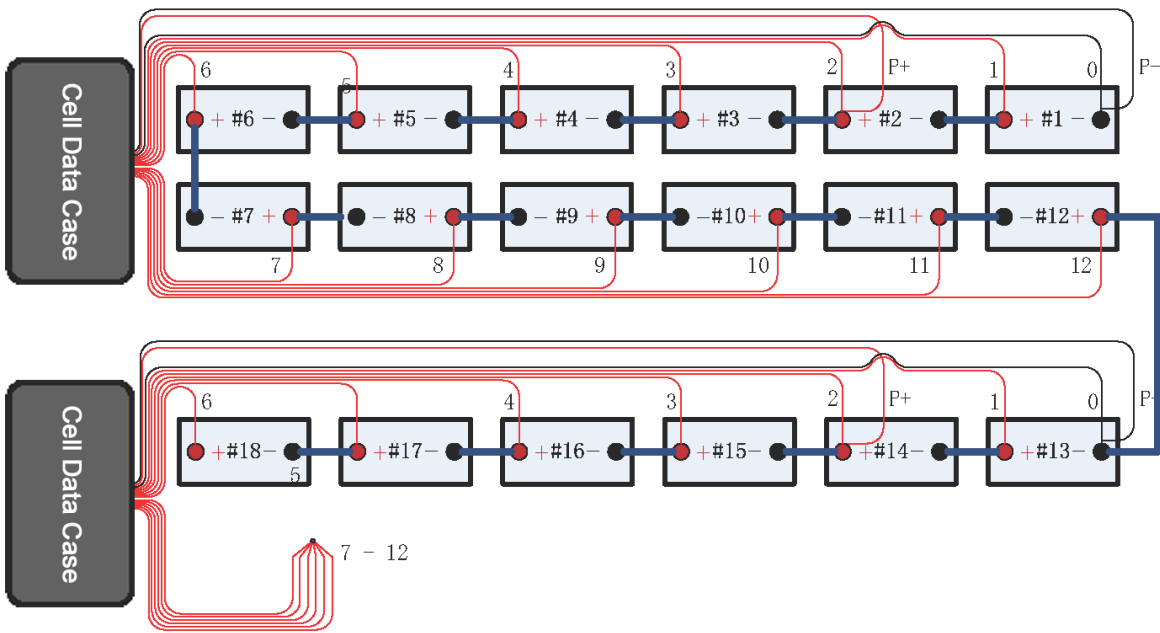
Cell-Data-Case is for each-cell voltage sampling of max 12-Cell, which is with magnetized screws for easy fixing standby.

12V Cell-Data-Case wiring mode (with independent power cable) as follows:

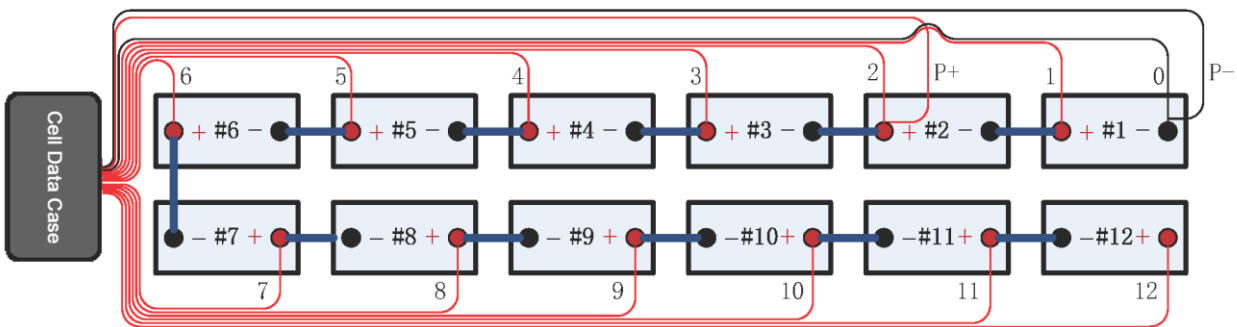
The power cord connection method of each case: the power supply negative (P-) is connected to the same position as the Case line 0. The power supply is positive (P+) in the same position as the Case line 2 or 3. It is recommended to connect the power cable first and then the voltage monitoring cable.

The first Case: Line 0 is connected to the 1st battery negative (total negative), Line 1 is connected to the 1st battery positive, and Line 2 is connected to the 2nd battery positive... Line 12 section 12 battery cathode;

The second case: Line 0 is connected to the 13th battery negative (total negative), Line 1 is connected to the 13th battery positive, and Line 2 is connected to the 14th battery positive... Line 12 section 24 battery positive pole;



18-cell string wiring schematic diagram (Case 1+Case 2)

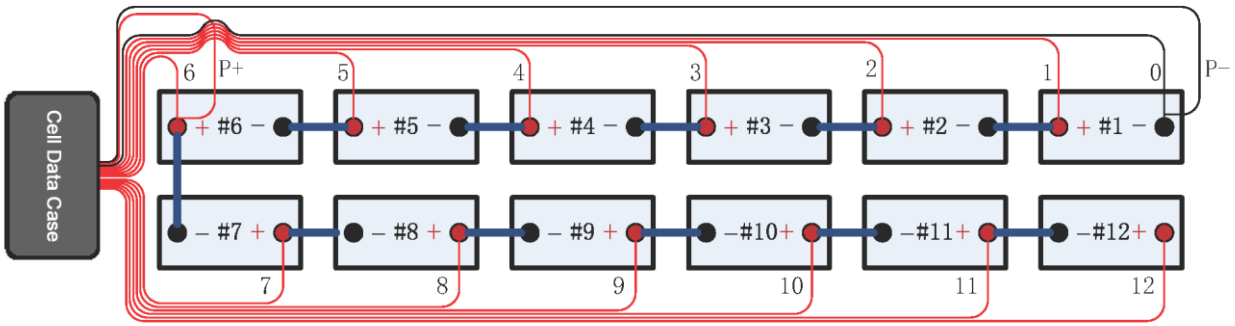


12V wiring schematic diagram

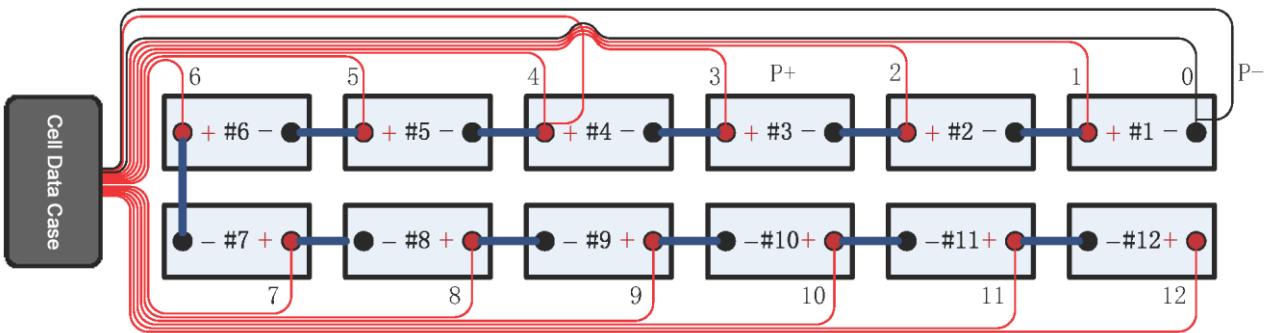
The wiring harness of the 2V Cell-Data-Case does not have a separate power cord. The wiring is as follows:

The first Case: Line 0 is connected to the 1st battery negative (total negative), Line 1 is connected to the 1st battery positive, and Line 2 is connected to the 2nd battery positive... Line 12 section 12 battery cathode;

The second Case: Line 0 is connected to the 13th battery negative (total negative), Line 1 is connected to the 13th battery positive, and Line 2 is connected to the 14th battery positive... Line 12 section 24 battery positive pole;

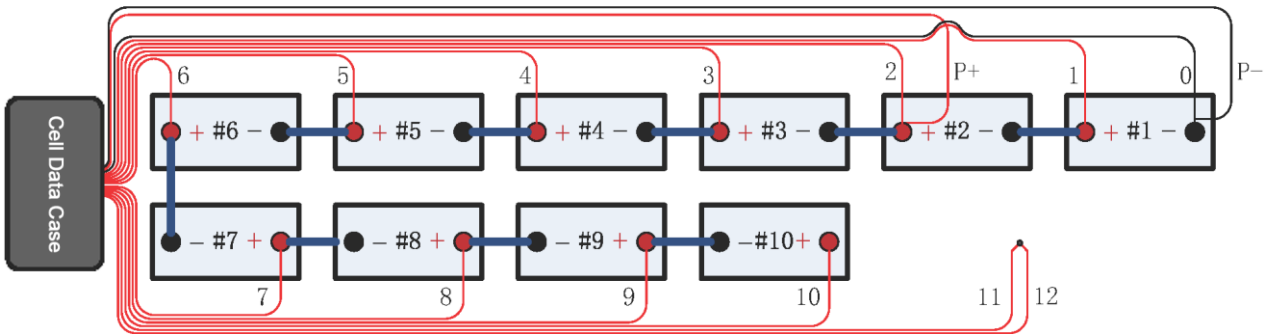


2V&4V wiring schematic diagram

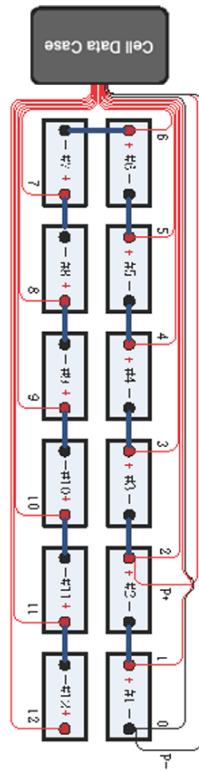


6V wiring schematic diagram

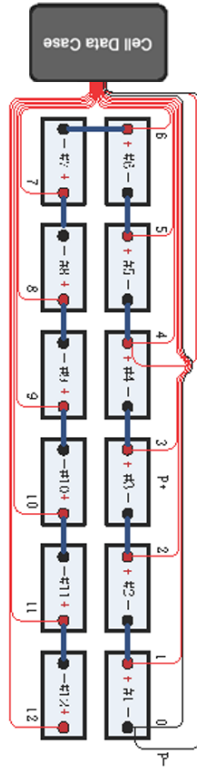
Each Cell-Data-Case can monitor up to 12 batteries, if the number of batteries is less than the number of Cell-Data-Case, the remaining voltage clamp can be clipped together at the positive pole of the last battery.



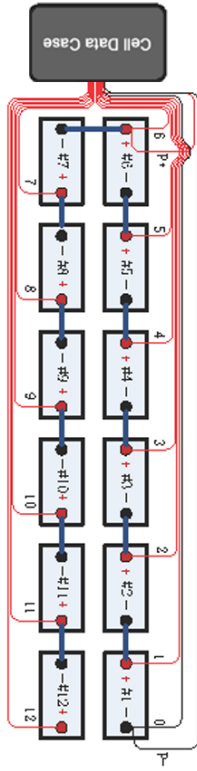
vacant terminal wiring schematic diagram



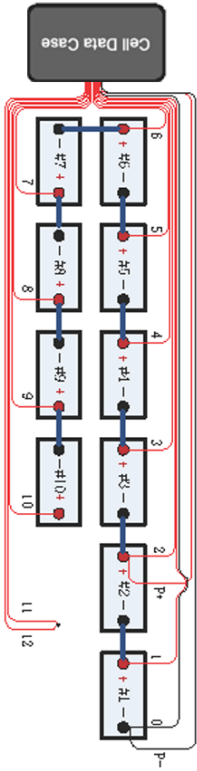
12V wiring schematic diagram



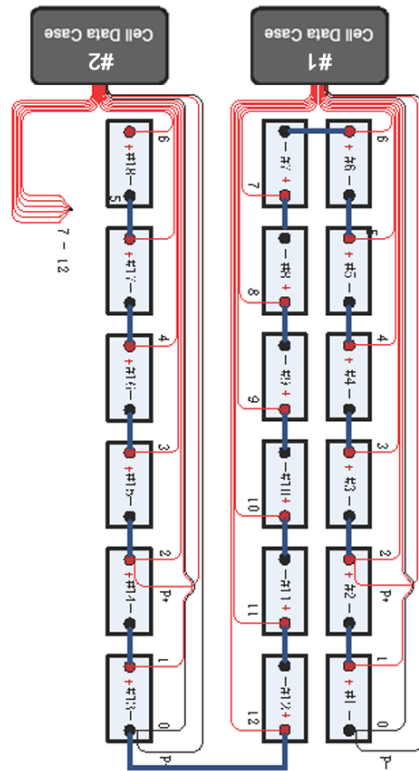
6V wiring schematic diagram



2V&4V wiring schematic diagram



vacant terminal wiring schematic diagram



18-cell string wiring schematic diagram (Case 1+Case 2)

- Note**
1. P+ Power positive & P- Power negative can connected to any 2 terminal of battery strings subject to voltage of P+ & P- is in 9V-36V DC.
 2. Voltage range of Cell-Data-Case working power supply is in 9V-36V DC.

3.4 PC connection

If real-time monitoring via a PC is required, Wi-fi of Tester and PC needs to be connected.

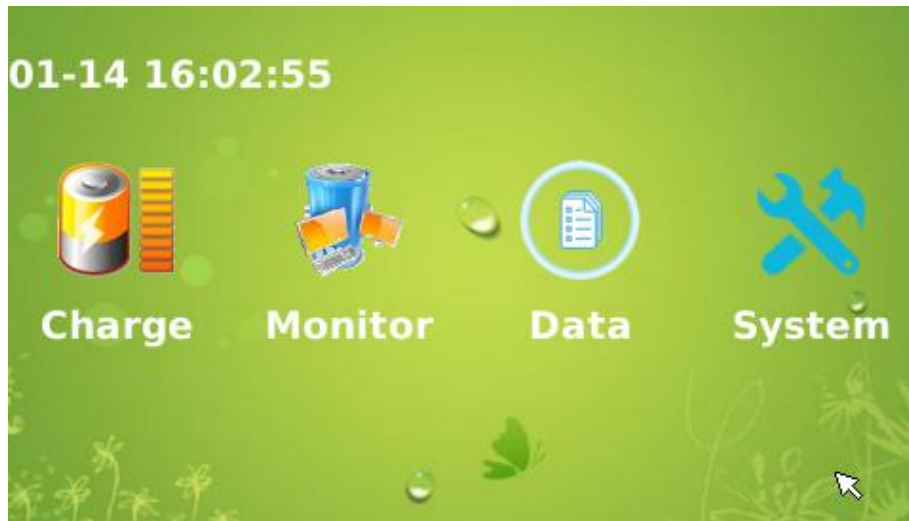
3.5. Running

After checking that the wiring is correct, turn on the power switch; then the LCD screen should be displayed normally, now you can complete the setting of various test & charge parameters according to the operating instructions

Chapter 4 Functions and operating procedures

4.1. Starting Boot

Press the power switch on the back of the tester to activate the tester and enter the main menu of the DFT-6700 Tester. The main menu is as follows:



4.2. Battery Charge

In the main menu, press the icon "Charge Test" to enter the charge settings interface.

Set	CHG Mode	CHG Info	U-I Trend
Site No.:	<input type="text" value="0001"/>	Rated C:	<input type="text" value="100.0"/> Ah
Strg No.:	<input type="text" value="0001"/>	#1 cell polar:	<input type="text" value="+"/>
String U:	<input type="text" value="220.0V"/>	Cell Qty:	<input type="text" value="110"/>
Cell U :	<input type="text" value="2 V"/>	Cell end U:	<input type="text" value="2.20"/> V
CDL:	<input type="text" value="Disable"/>		
<input type="button" value="Start"/>		<input type="button" value="ESC"/>	

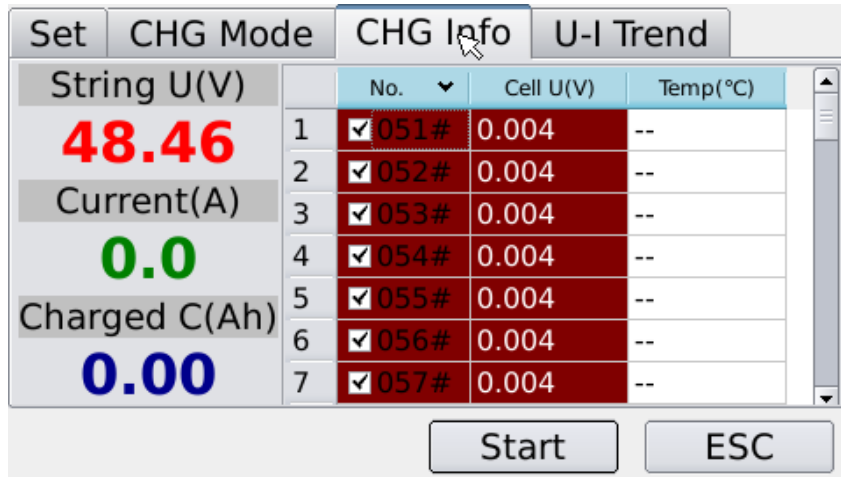
At this point, you need to set the site No., Battery string No., Voltage level, Battery type, batteries No., Nominal capacity. Charge capacity; the parameters of the stop setting are automatically filled in, or you can also modify it yourself.

Finally, according to the actual situation, tick select to detect single-cell, or the single-cell is not monitored if not tick the single-cell means.

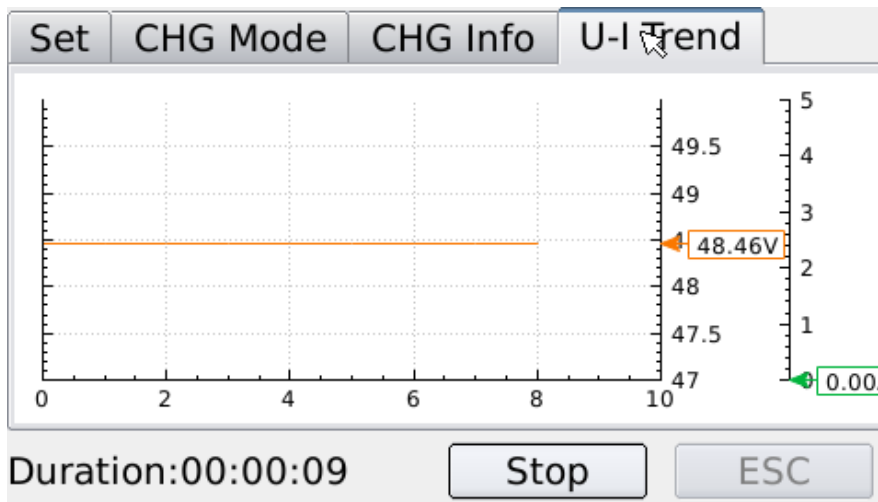
After set the charge parameters and press the [Start] key to enter the charge state.

Press the [Charge Information] icon to enter the following interface

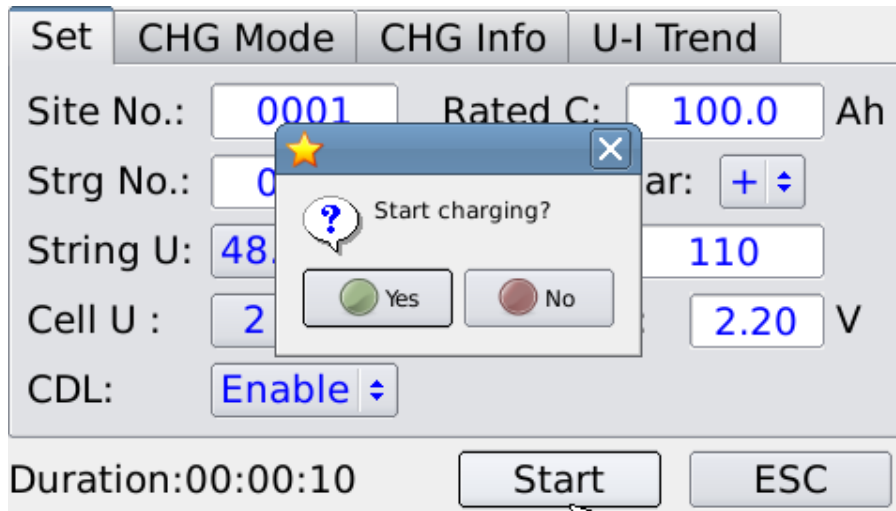
Press the [Charge Info] icon to enter the following interface:



Press the [V-I Trend] icon to enter the following interface:



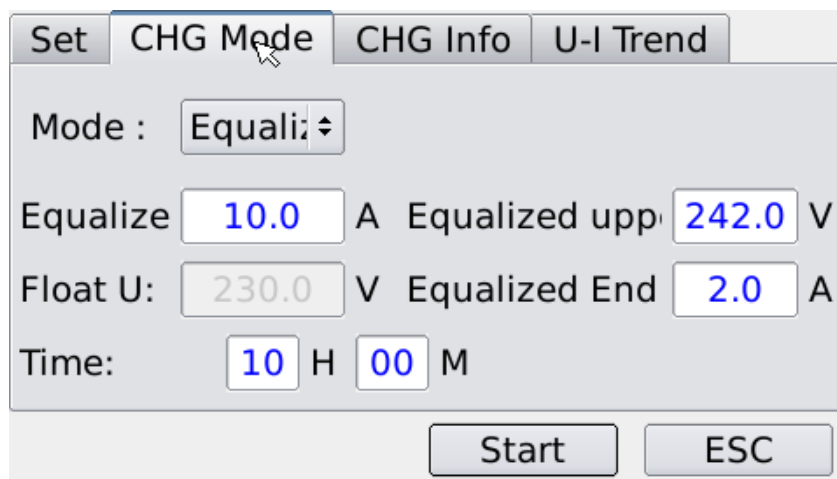
In the main menu, press the "Charging Test" icon to enter the charging settings interface. As shown in the following figure:



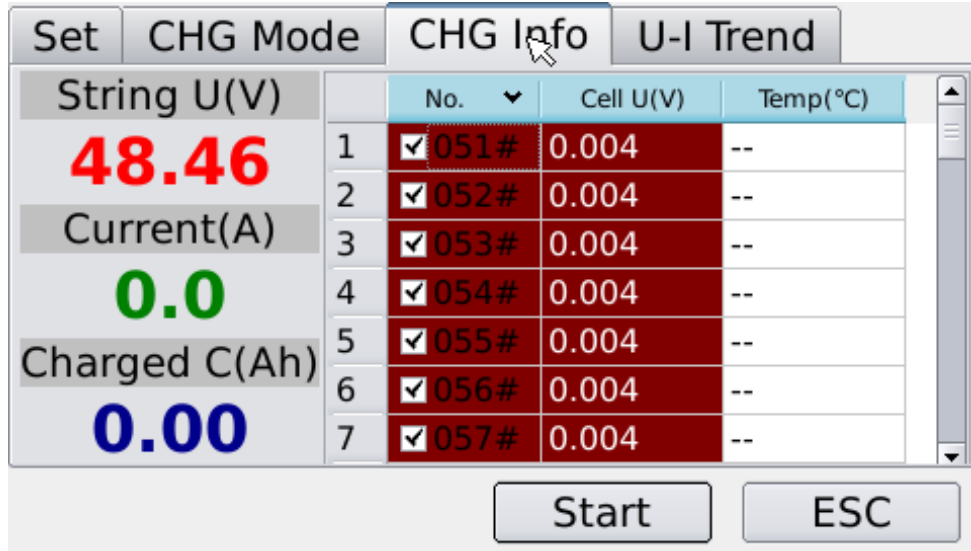
At this window, you need to set the site No. Battery string No., Voltage level, Battery type, Nominal capacity, single-cell test, single-cell No., and single-cell stop voltage.

If monitor the single-cell, it is necessary to determine whether the total positive or total negative of the battery string where the first No. 1 battery on the located site, and then tick the total negative or total positive option.

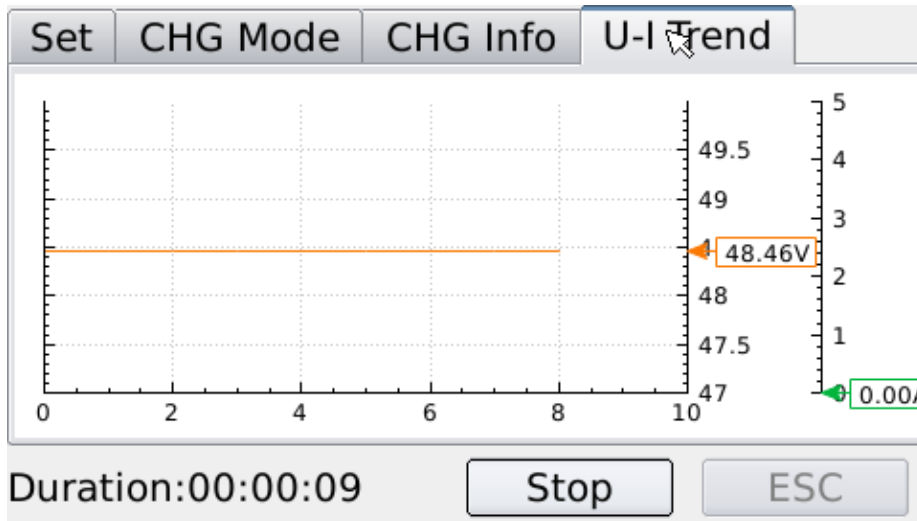
After setting the charging parameters, press the [Equally or Float] button enters the charging mode selection: Equally charge current, Float charge voltage, Total charge time, Max. Equally charge voltage and equally charge stop current. After the charging parameters are set, press the [Start] key to enter the charging state.



Press the [Charge Info] icon to enter the following interface:



Press the [V-I Trend] icon to enter the following interface:



- a) The Stop voltage set in the parameter setting plays a role in protecting the battery, which's correct setting of the stop voltage value can avoid overcharge or over-charge of the battery and avoid damage to the battery.

Follows set value for reference:

2V battery - charge cutoff voltage: 1.80V, charging cutoff voltage: 2.20V;

6V battery - charge stop voltage: 5.40V, charging stop voltage: 6.60V;

12V battery - charge stop voltage: 10.8V, charging stop voltage: 13.20V;

- b) For small capacity batteries, you should also pay attention to the setting of the working current. It is recommended to charge/charge at a rate of 0.1C (i.e. the operating current is 0.1 times of the battery capacity value).

4.3. Data management

Test results in the data management menu. Can be exported and delete.

Data management includes details charge measurement data & charging measurement data.

4.3.1 Data viewing

Press "Data Management" in the main menu, and select the data type, select the data, then press the [Open] key, display the measurement results

	File	Time	Duration	Type
1	CCM00132.dat	01-14 16:01:23	00:00:10	Charge
2	CCM00141.dat	01-14 16:06:47	00:00:10	Charge
3	DCM00133.dat	01-14 16:10:13	00:03:08	--
4	DCM00134.dat	01-14 16:21:46	00:06:18	--
5	DEM00135.dat	01-14 16:37:06	00:10:00	--
6	DEM00136.dat	01-14 16:11:49	00:10:00	--
7	DEM00137.dat	01-14 16:43:11	00:10:00	--
8	DEM00138.dat	01-14 16:10:51	00:10:00	--

4.3.2 Save to the U-disk

In the data management menu, press the [Save U-disk] option to transfer the data, and there will be a prompt after the data is saved. Please plug in the U-disk first, and a green "U" symbol will appear in the upper right corner of the menu after plugging in.

Note: U-disk read and writes error

- See if the U-disk is plugged in well.
- It is strongly recommended that users use the newly formatted (that is, empty) U-disk for read and write operations, because U-disk many files may seriously affect the correctness of U-disk reading and writing. if the reading and writing U-disk error, please reformat the U-disk and try again.
- Please insert the U-disk first, and wait until the prompt light of the U-disk is no longer flashing before other operations.
- Do not plug in and unplug the U-disk while the U-disk is reading and writing,
- After the U-disk operation is completed, please wait until the prompt light of the U-disk is no longer flashing

before plugging in the U-disk.

- f) If there is an error in the process of reading and writing the U-disk or there is no response for a long time, please format the U-disk with FAT again and try again;

4.3.3 Delete Data

In the Data Management menu, select the data, and press the Delete option to delete the selected data.

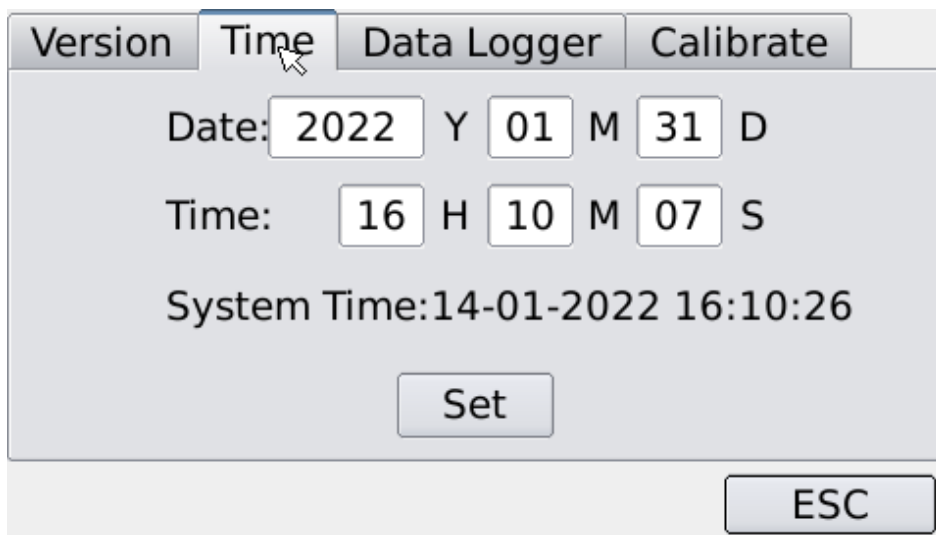
4.4. System settings

In the main menu, press "System Settings" to enter the system management interface, which includes 3 options of language selection, Time settings and Upgrade as follows:

4.4.1 Time settings

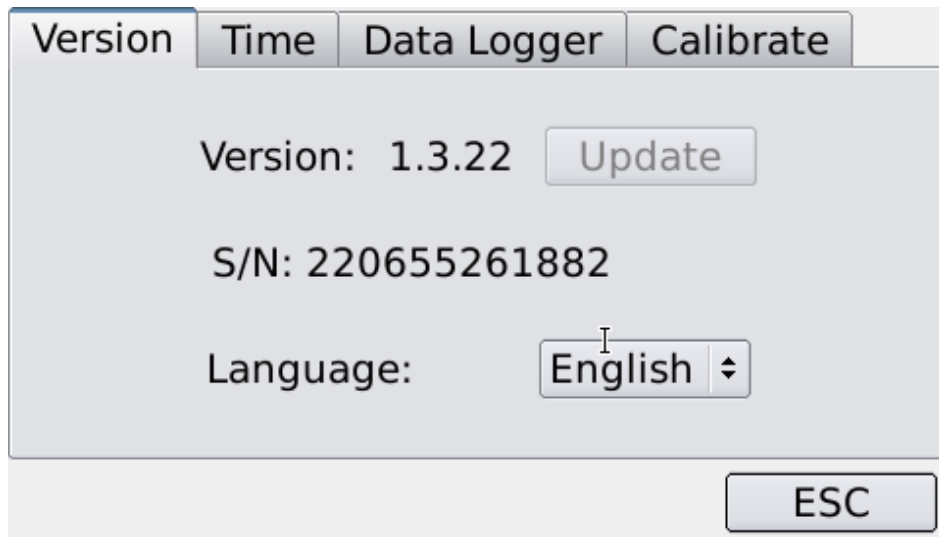
Time-calibration function and the each operation results are synchronized with memory and display in the data storage and results printing, so it is recommended to adjust the clock before using the tester operation to facilitate the correct output synchronized with the detected data.

Adjust clock path: Main menu → System Settings → Clock Settings. The clock setting interface is shown in the figure: After setting the time, press the "Save" button to upgrade to the desired time.



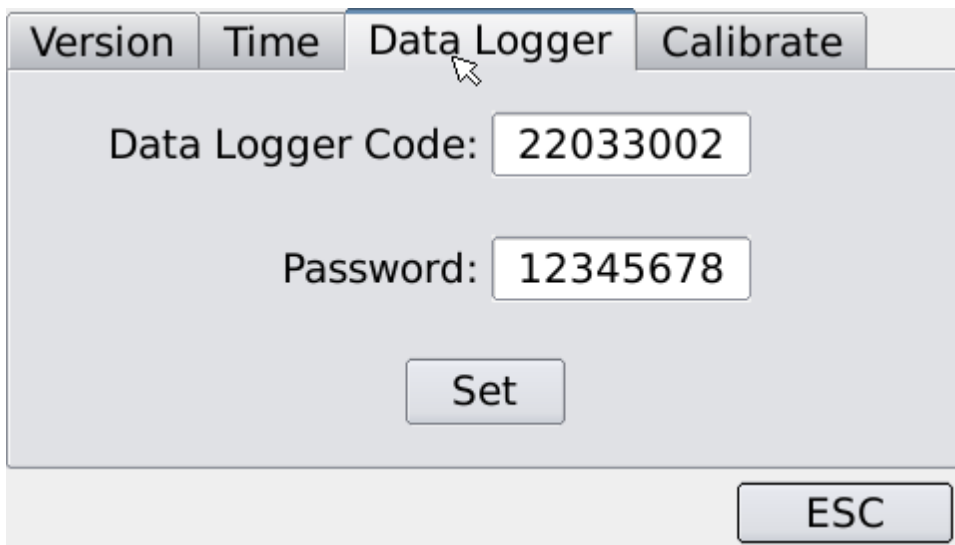
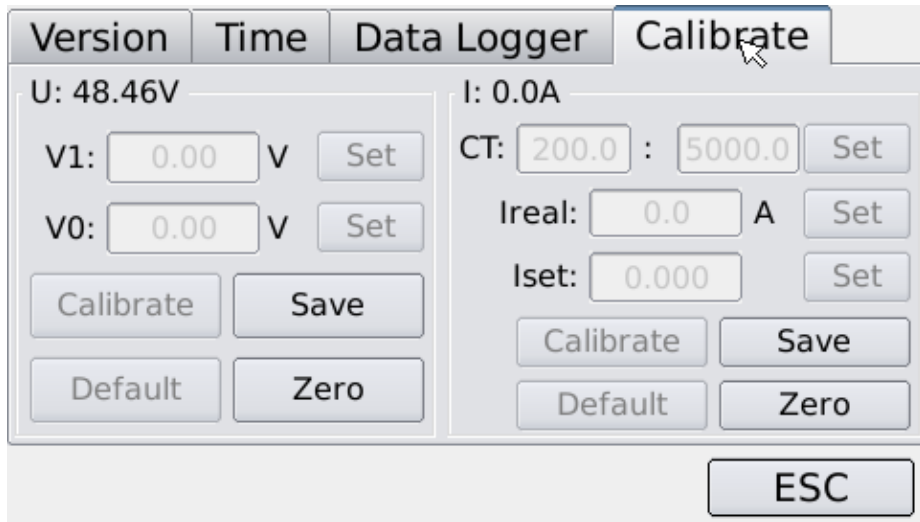
4.4.2 Version Information & System Upgrade

Press on the "System Info" menu item on the main menu page to view the DFT-6700 Tester system software version, as shown in the figure



When inserting a U-disk containing upgrade files, press the "Upgrade" button to upgrade the system.

4.4.3 System Calibration (Authorization)



Chapter 5 Routine maintenance

5.1. Cleaning maintenance

5.1.1 Host Cleaning and maintenance

Use a soft damp cloth with a mild cleaning agent to clean the host. Please do not use abrasive type. Dissolving cleaners or alcohol, etc., so as not to damage the text on the host computer.

5.1.2 Clamps Cleaning and maintenance

Wash the clamps with a soft damp cloth and a mild detergent. After cleaning, wash it with clean water and dry it. Do not scratch the metal part of the probe to avoid poor contact.

5.2. Storage

When used, the host of the DFT-6700 Tester should be placed in the alloy box in time. All parts and cables should be organized and placed in the appropriate position in the box.

Chapter 6 FAQ & Tips

6.1 No response after booting

The power supply is not connected. Check that the power plug is plugged in. The binding post should be pressed tightly.

6.2 Charging no current

Press the content of 3.2 to check, generally empty and not closed, the charging cable is reversed, or the contact is poor.

6.3 Abnormal cell voltage

Please check whether the connection of the cell-data-case corresponding to the abnormal voltage of the site is correct; Reseat the cell-data-case; Plug in to another normal box position and take a look;

6.4 The host reports cell-data-case problem

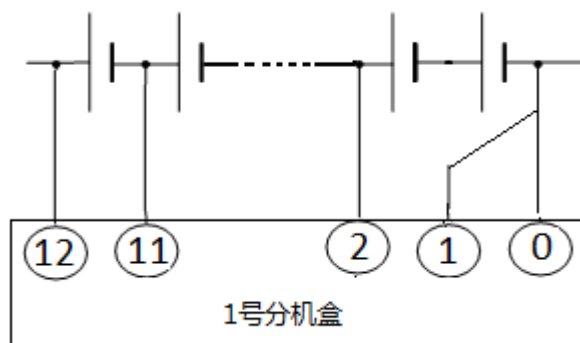
Please check whether the Wi-fi configured is installed; Check whether the host reports that the cell-data-case light is on, and if the light is not lit, you can remove it from the other cell-data-case cables inserted into the normal light to see if it can be lit, and in this way check whether it is the cell-data-case wiring (or the line itself) or the cell-data-case itself

6.5 Error writing to USB stick

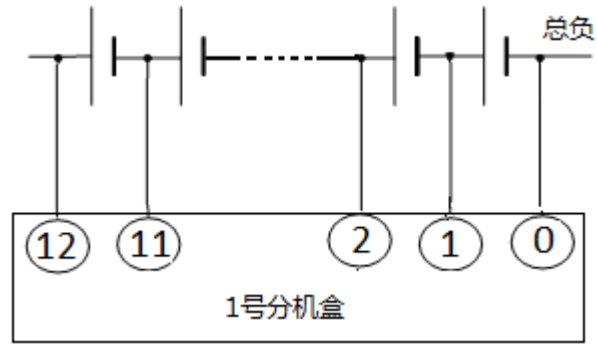
1. See if the U-disk is plugged in;
2. see if the property of the U-disk is FAT format, if not, please format the U-disk with FAT;
3. If there is an error in the process of reading and writing the U-disk or there is no response for a long time, please format the U-disk with FAT again and try again;

6.6 Attached I, simple way to determine whether the battery No. is correct

1. After the cell-data-case is connected, remove the line 1 of the No. 1 cell-data-case from the battery and clip it to the 0 line of the No. 1 cell-data-case, as shown in the following figure.



2. Open the host data monitoring interface, find the 0v voltage of the battery, see if the corresponding number displayed by the host and the number of the actual battery are consistent, and when it is inconsistent, it is necessary to set the sorting method through the host;
3. Restore the connection method of Line 1 of cell-data-case No. 1 and complete the judgment of the battery serial number.



6.7 Attached II, simple check of whether the wiring is correct

1. After the case is connected to the line, open the host data monitoring interface
2. Observe the single voltage measurement value of the host, and after finding the abnormal value, check whether the wiring clip of the corresponding battery is clamped firmly, and whether there is a wiring problem such as wiring crossover.

Note: This method can only check the wiring problems caused by wiring errors leading to voltage abnormalities, for those wiring errors but the voltage is normal wiring, the method cannot be checked, such as the cell-data-case wiring that needs to be spanned is not spanned, or the wiring errors such as span misalignment cannot be checked.



Battery Data Management

PC Software Manual

THOMSON TECH CO LTD

Table of Contents

Chapter 1 Software Installation & Uninstallation	31
1.1. Software runtime environment.....	31
1.2. Software installation	31
1.3. Software uninstallation	31
1.4. Software running.....	31
1.5. Main Menu.....	32
Chapter 2 Data viewing and exporting to reports	33
2.1. Data Logger monitoring.....	33
2.2. Data viewing and importing old report	34
2.3. Export result to the report	35
2.4 Exit the software	36

Chapter 1 Software Installation & Uninstallation

1.1. Software runtime environment

Operating System: Windows XP. Windows7. Windows10

CPU: P42.0GHz or above, Intel dual-core 2.0G is recommended

Memory: DDR 32G or above

Hard Disk: The installation disk has at least 300M of space

Display resolution: 1024×768 or more

1.2. Software installation

A) .netframework Installation

Find the < Microsoft .NET .exe> on the U-disk and double-click to run

Accept the terms and click Install, as shown in the following figure:

Click Done

B) PC Software installation

Find the < BTLStudioV1.3.4 > on the U-disk; double-click to run, as shown in the following figure:

Click Next, as shown below:

Select the corresponding installation path, it is best not to install on the C disk (the system disk does not have permission to export the report), and then click [Next]:

Click Next, as shown below:

Click Close, and the installer installation is complete.

1.3. Software uninstallation

Only Uninstall by original computer's system manually.

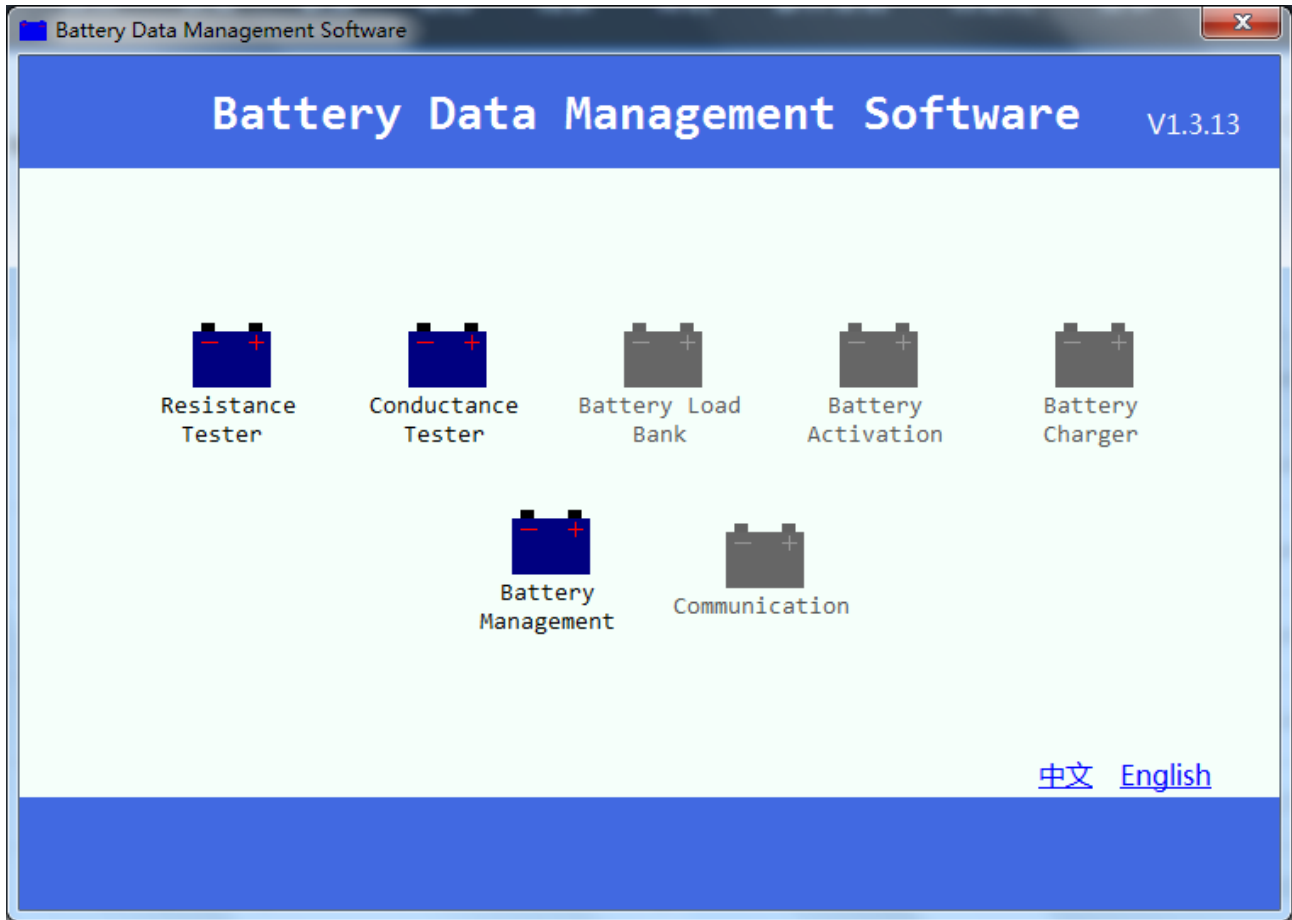
1.4. Software running

There are two ways to run the software:

(1) start → program → Battery Data management Software and click to run;

(2) Double-click the icon of the "Battery Data management Software "→ desktop and start running.

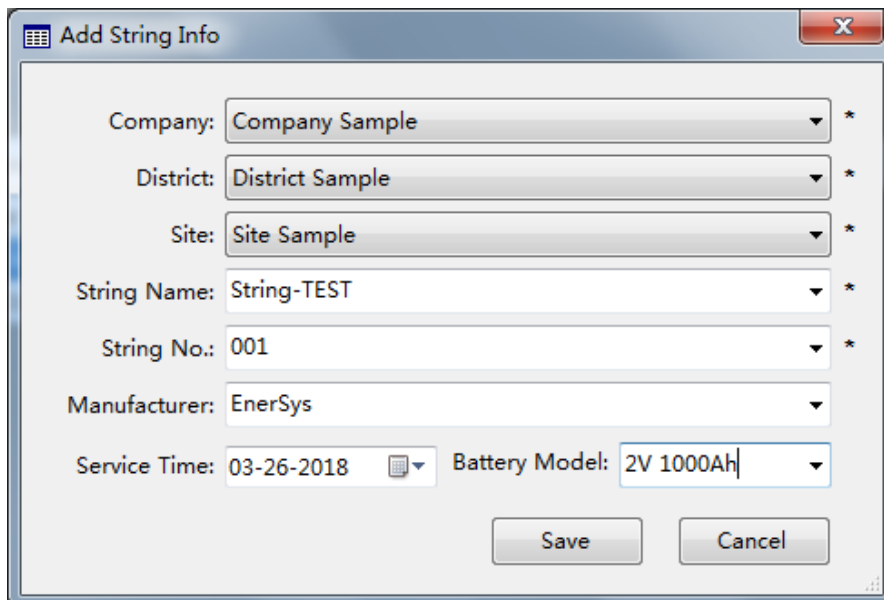
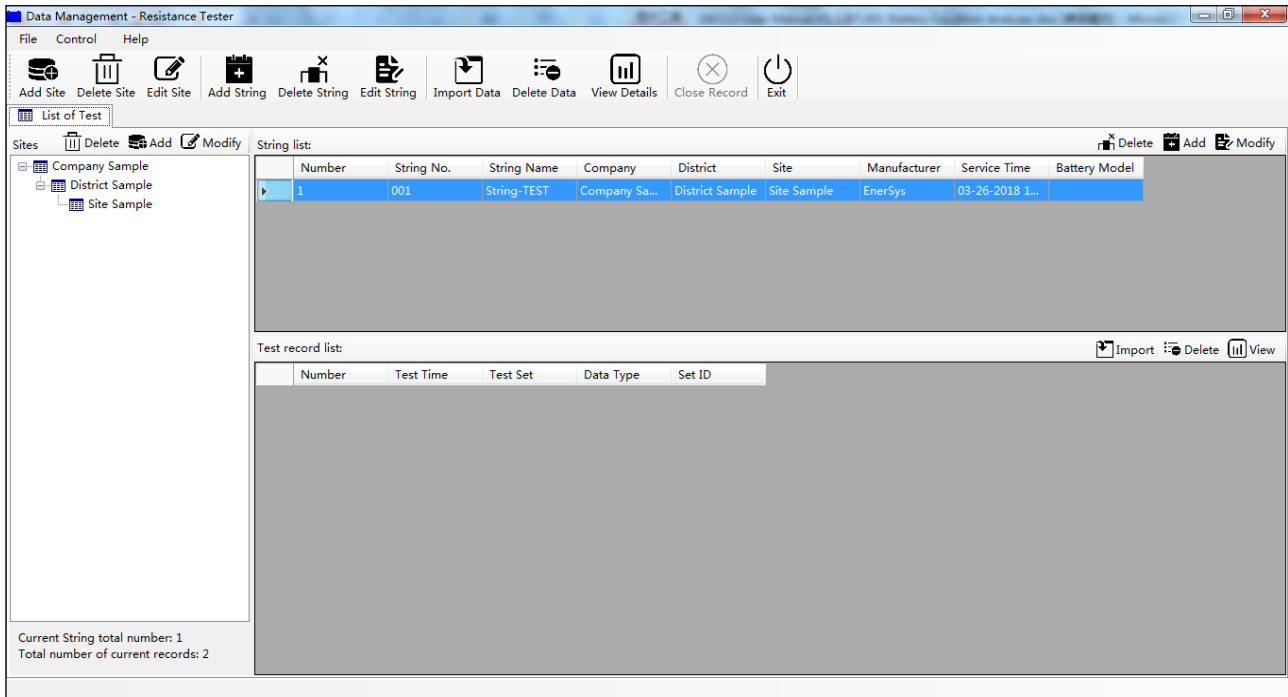
1.5. Main Menu



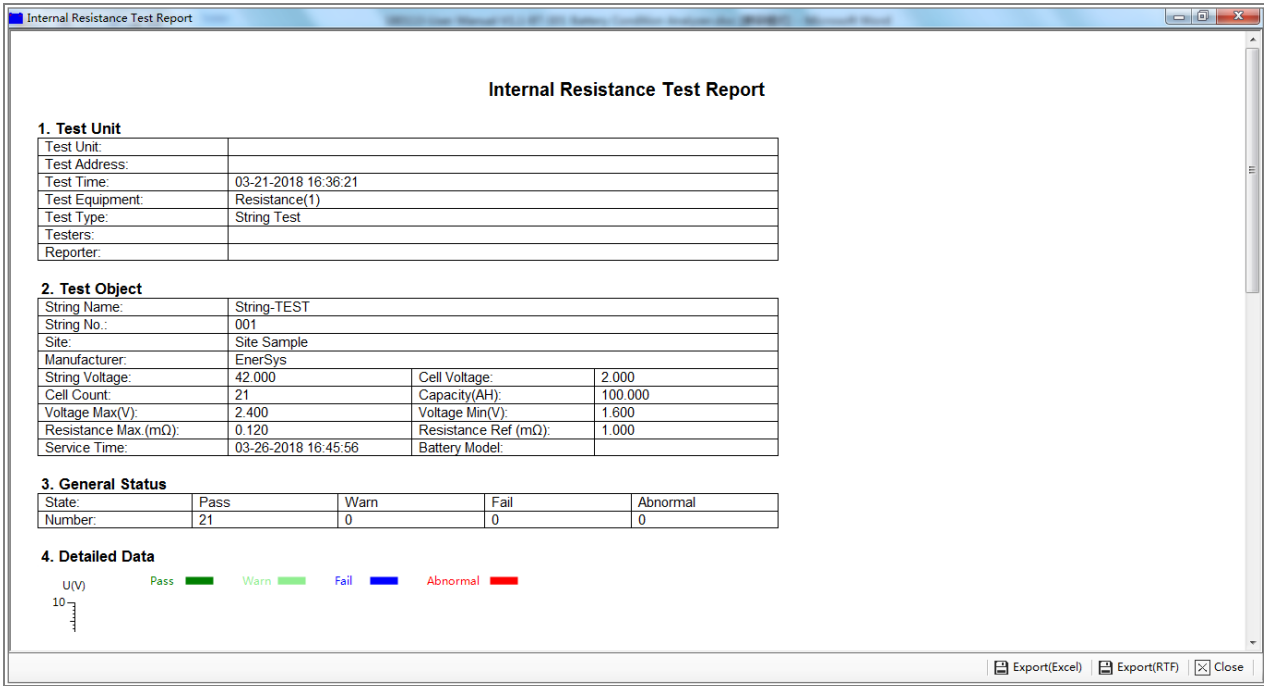
Chapter 2 Data viewing and exporting to reports

2.1. Data Logger monitoring

For the monitoring of the battery Data Logger, the Site must be added before monitoring, and the establishment process is shown in the following figure:



After adding site, select the adding String, as shown in the following figure:

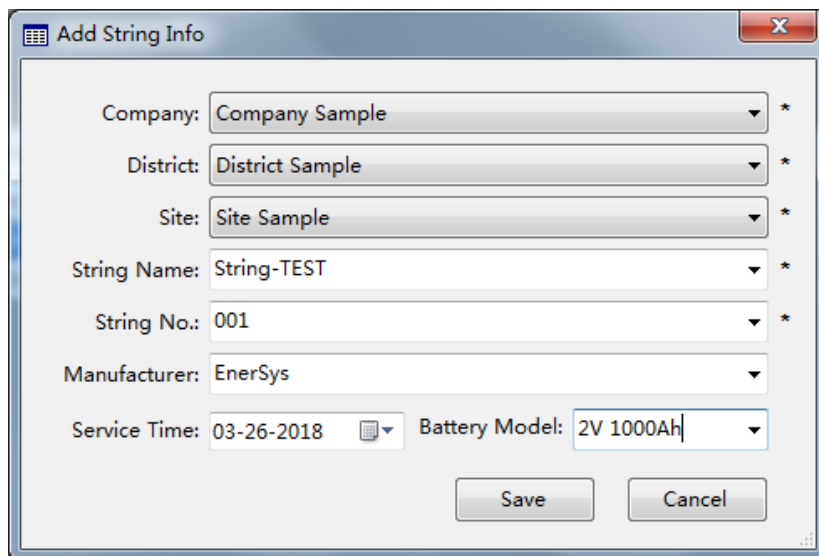


Select the sample data you want to view, click View details, or double click the data you want to view; the interface pops up as below screenshot shown:

2.2. Data viewing and importing old report

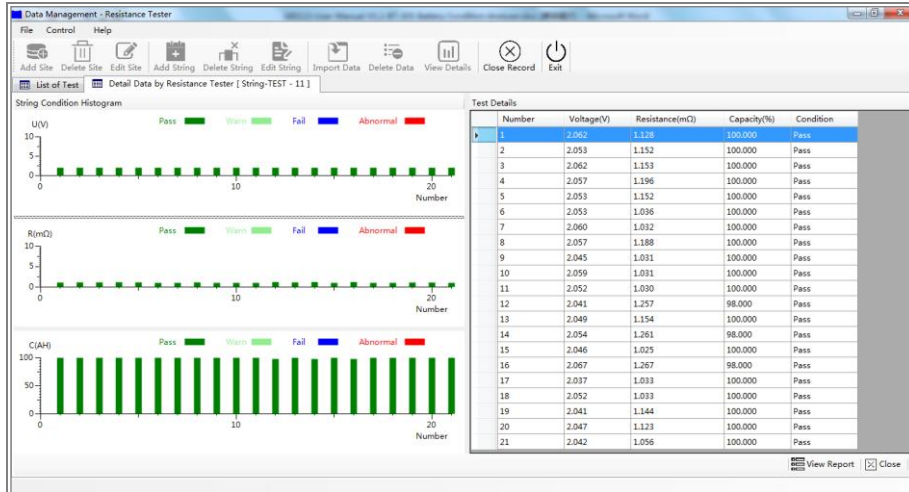
Import Data

Click the Import Data icon button, pop up the interface, select a file, you can choose a file to import, the import success will show success, failure will prompt an error, as shown in the following figure:



Select the corresponding imported data, double-click or right-click to view, and a new interface will pop up, as shown in the following figure:

After clicking the Save button, you can see the actual data list, as shown in the following figure:



2.3. Export result to the report

Click the Save Report button in the lower right corner, as shown below:

You can see the data report in excel or RTF format.

After the report export is completed, the report will pop up, in Sheet1 you can see the table header, test units, related parameters, result statistics, you can also see the histogram of each cell, sheet2 is the detailed data of all Tests, as shown in the following figure:

