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## FST3915 Battery Tester

### ABOUT FST3915

**FST3915** is a new generation of battery tester with touch-screen. It is strictly designed to evaluate and maintain all stationary power systems including Uninterruptible Power System.

Via accurate testing of resistance and voltage, it gives an indication of battery capacity and technical status. The measurement data can be read on the instrument display directly. And it can also be uploaded to PC simply by using the USB drive. With the analyzing software, you could not only keep a record of the testing result but also have detailed analyzing for the status of batteries in different testing conditions.



### Application

FST3915 Battery Tester is widely used in the following areas:

- ◆ Telecom: Central Office, data processing centers and Remote Sites
- ◆ Power Utility: Switchgear, Power Station and Power Plant
- ◆ Financial Institutions: Corporate Data Centers
- ◆ Petrochemical: Process Control systems
- ◆ Offshore platforms
- ◆ Government: Local and regional
- ◆ Tax and Revenue Processing Centers
- ◆ Homeland Security, Schools, Army and Navy
- ◆ Air force Facilities, Fire and Police Agencies
- ◆ Hospital UPS system
- ◆ Electrical vehicle suppliers
- ◆ SLA battery manufactures

### 2.3 Feature

- ◆ Wide test range: 5~6000Ah, compatible for single cell of 1.2, 2V, 6V and 12V
- ◆ Smart and portable hand-held device, rugged and easy-to-go
- ◆ Colorful touch screen with optional operations of keyboard and touch screen
- ◆ Simultaneously test for voltage, resistance and relative percentage of batteries
- ◆ Online measurement, no need to remove battery and string from its system for testing, safe and convenient
- ◆ Fast testing for battery and string in seconds with testing data auto saving
- ◆ Strong anti-interference in high current with stable and accurate performance
- ◆ Testing frequency lower than 10 Hz, effectively avoid interference from capacitive resistance

of battery itself

- ◆ Direct USB drive for software update and data transfer to PC for further analyzing
- ◆ Powerful PC management software, convenient for data storage and analyzing
- ◆ Big memory for testing data storage of more than 5000 cells
- ◆ **Buzzer Alarm Function and over voltage protection**
- ◆ Auto-calibration function before testing enhances the testing accuracy
- ◆ Retest and compensation function: any faulty operation or omission could be retested simply with one click
- ◆ More than 250 standard data inside memory for the reference of your test

#### Technical Parameter

Resistance range	0.00mΩ ~ 100mΩ	Voltage range	0.000v ~220v
Minimum test resolution		Test accuracy	
-resistance	0.1mΩ	-resistance	±1.0%rdg ±6dgt
-voltage	1mv	-voltage	±0.2%rdg ±6dgt
Power supply	Li-ion battery	Working time	More than 8 hours
Measuring data memory	5000 cells	Operation environment	0℃ to 40℃ 90% R.H
LCD display	320*240 pixel TFT touch screen	Dimension (main unit)	L210*W110*H60 mm
Net weight	2 kg	Com port	Mini USB

#### Accessories

After receiving the instrument, make sure you have all the following parts.





Detailed packing list as blow:

Name	Number	Name	Number
Portable bag	1	Testing clip	2
Main unit	1	Power adaptor	1
Belt for main unit	1	USB drive	1
Analyzing software CD	1	User Manual	1
USB converter	1		