



## PORTABLE BATTERY CELL BALANCER AND TESTER

### Application

The portable battery cell balancer and tester is a lithium battery cell equalization and maintenance equipment specially developed for the back-end market of new energy batteries. It is used to quickly solve problems, such as inconsistent voltage of lithium battery cells, which leads to degradation of battery range caused by individual capacity differences.

## Advantages

- 1 Intelligent display interface:**  
LCD touch screen display, which is convenient for on-site use;
- 2 Multi-function tests:**  
Charging, discharging and balanced charging maintenance of a single cell to fully activate the performance of lithium battery;
- 3 Multiple warning functions:**  
Voltage, current, battery temperature and reverse polarity protection can be set;
- 4 Storage function:**  
It supports automatic storage, and provides data management, such as verification, deletion, and USB interface data download;
- 5 Wide-voltage design:**  
It adopts a wide-voltage design, which fits for the testing and maintenance of lithium iron phosphate battery, ternary lithium battery and lithium titanate battery;
- 6 Multiple charging and discharging shutdown protection:**  
It provides a variety of protections to avoid over-charge and over-discharge and will sound a warning;
- 7 Equipped with professional analysis software:**  
It displays voltage/current curve, single cell histograms, and generates data reports automatically;
- 8 Intelligent design for operation:**  
It is equipped with a quick matching jack, simple in connection and automatic recording and analysis of the whole test process;
- 9 Powerful storage function:**  
It can store up to 1,000 sets of charging and discharging data, and supports historical data viewing, analysis and deletion. It can copy the data through USB interface, analyse the process of battery charging and discharging through upper computer management software, and generate corresponding data reports.

## Parameters

Model		Portable Battery Cell Balancer and Tester
Number of channels		12-60 (extensible)
Input voltage		AC220V / 380V
Output voltage		Range: 5V Accuracy: 0.05%FS
Output current		0-5A (adjustable)
Communication method		UBS, LAN