

Wuhan HTBNZ-V Battery Tester



I. Introduction

HTBNZ-V 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.

II. Features

1. Wide test range: 5~6000Ah, compatible for single cell of 2V, 6V and 12V
2. Smart and portable hand-held device, rugged and easy-to-go
3. Colorful touch screen with optional operations of keyboard
4. Simultaneously test for voltage, resistance and estimated capacity of batteries
5. Online measurement, no need to remove battery and string from its system for testing, safe and convenient
6. Fast testing for battery and string in seconds with testing data auto saving
7. Strong anti-interference in high current with stable and accurate performance
8. Testing frequency lower than 10 Hz, effectively avoid interference from capacitive resistance of battery itself
9. Direct USB drive for software update and data transfer to PC for further analyzing
10. Powerful PC management software, convenient for data storage and analyzing
11. Big memory for testing data storage of more than 3000 cells
12. Buzzer Alarm Function and over voltage protection, secure to use
13. Auto-calibration function before testing, enhancing the testing accuracy
14. Retest and compensation function: any faulty operation or omission could be retested simply with one click
15. Referenced data inside memory for the comparison of your test, and self-defined reference values are available.

III. Parameters

| | | | |
|-------------------------|-------------------------------|-----------------------|------------------------|
| 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 | 5-6 hours |
| Measuring data memory | 3000 cells | Operation environment | 0°C to 40°C 90% R.H |
| LCD display | 320*240pixel TFT touch screen | Dimension (main unit) | L190*W100*H30 mm |
| Net weight | 0.5 kg | Com port | Mini USB |

IV. Accessories

