

# User manual

TKZ: 315 085 002 002  
Issue 03.2011

## Battery tester for 6 V and 12 V Batteries

6VDC 50A  
12VDC 100A

**TKZ: BT612.010 121**

Software-Version: BT612 V2.1  
Stand: March 2011



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Nortec Electronics GmbH & Co. KG  
An der Strusbek 32 B  
D – 22926 Ahrensburg  
Tel.: 0049 / 4102 / 42002  
Fax: 0049 / 4102 / 42840  
Email: [info@nortec-electronics.de](mailto:info@nortec-electronics.de)  
Web: [www.nortec-electronics.de](http://www.nortec-electronics.de)

## 1 Technical data

Battery tester for 6V and 12V batteries

**Input Voltage:** 6-12V  
**Test Current:** 50-100A für 5s

## 2 Operation

This tester serves for screening battery blocks of 6V and 12V lead-acid batteries.

Please push the red start button after connecting the terminals to a battery. After the internal capacitors are charged, this takes up to 15 sec, the beeper sounds.

The 12V battery is submitted to a load of 100A for a time span of 5 sec. The 6V battery with 50A.

The display shows the OFF-LOAD voltage and the voltage under 5 sec. load:

**12 , 60V ; Be : 11 , 60V**

The drop of voltage caused by cable length will be compensated by software, so that voltage value at the clamps is indicated.

The measured values are available at the RS232 (1200,8,1,N) interface. They can be printed by are commercial printer.

The next measuring starts by clipping the tester to the next battery-poles and pushing the start button.

If more than 10 batteries have to be tested in sequence, the tester should remain clipped to each battery for about 20 seconds (between load-end and reconnect a new battery)

The entry of the tester is protected against connection of higher voltages until 24 V or wrong polarity.

## Konformitätserklärung Declaration of Conformity



Dokument-Nr.: 06/11  
Hersteller: Nortec Electronics GmbH & Co. KG  
An der Strusbek 32 B  
D-22926 Ahrensburg  
Tel.: 0049 / 4102 / 42002  
Fax: 0049 / 4102 / 42840  
Email: info@nortec-electronics.de  
Produktbezeichnung: Battery Tester  
Part-No.: **BT612.010 121**

The designated product complies with the following European Directives:

EN 60950 et IEC 536

NorTec Electronics GmbH & Co. KG  
An der Strusbek 32 B · 22926 Ahrensburg  
Tel. +49 4102 42002 · Fax +49 4102 42840

Ahrensburg  
06.03.2011

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Signature