

# XLR CHARGER TESTER V2.0

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The XLR Charger Tester V2.0 is a module designed for measuring the charge/discharge current and battery voltage of a wheelchair. The XLR Charger Tester is placed in the connection between the charger and the wheelchair charging plug. The XLR Charger Tester can measure voltages from 0.0 V to 30.0 V and currents from 0.0 A to 19.9 A.

### NEW FEATURES OF THE XLR CHARGER TESTER V2.0:

#### RENEWED LED DISPLAY

Double LED display for current and voltage, better readability and no need to switch anymore are the main advantages. The switch on the side is therefore omitted. Voltage and charging current can be read in one go on a bright LED display.

#### POWER SUPPLY INSTEAD OF A BATTERY

The V2.0 no longer runs on a battery. This version contains a power supply circuit that draws the energy from the battery/charger. This power supply has a range of 6.5 V to 100 V maximum, which makes the tester suitable for battery systems from 12 V to 48 V.

#### PROTECTED CIRCUIT

The circuit is protected by a fuse and is also protected against reverse polarity by means of a diode. The battery currents are NOT protected, the current must always remain below 10 A. This limitation is mainly due to the XLR connections and cabling.

#### INCREASED ACCURACY

Thanks to the calibration options of the measuring instrument, the XLR Charger Tester V2.0 gives a higher accuracy for both voltage and current.

#### USAGE:

##### CONNECTION TO THE CHARGER

Connect the Neutrik female plug to the charger.

##### CONNECTION TO THE WHEELCHAIR

Connect the Neutrik male plug to the wheelchair.



XLR Charger Tester	
Power supply voltage	+9 VDC
Nominal consumption	1 mA
Measuring range	0,0 V to 30,0 V or 0,0 A to 19,9 A
Accuracy	95 %
Resolution	0.1
Temperature range	-10 °C to +50 °C
Dimensions (h x w x d)	102,5 x 61,5 x 26 mm
Cable length	400 mm