

EMCtools

Microbox Battery

Rechargeable Battery for all
Microbox versions



EMCtools
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Introduction and use

Functional tests e.g. in test-labs often require galvanic isolated transceivers for CAN- (Controller Area Network) and LIN-busses (Local Interconnect Network) to control the device under test. For this purpose special CAN/LIN transceivers are available. They allow bidirectional data transmission of CAN/LIN-signals via fiber optic cables and can be used during susceptibility tests at high field strength.

Using a separate rechargeable battery to supply these transceivers allows permanent tests without interruption by simply replacing the empty battery.

EMCtools Microbox Battery is protected against undervoltage and overcurrents.

LED indicators provide information about rest capacity.

Compatibility

The Microbox Battery can be used for all Microbox versions:

1. EMCtools Microbox High Speed CAN
2. EMCtools Microbox Low Speed CAN
3. EMCtools Microbox Single Wire Low Speed CAN
4. EMCtools Microbox LIN
5. EMCtools Microbox K-Line
6. EMCtools Microbox J1850
7. EMCtools Microbox FlexRay

Technical data

Nominal Voltage:	8.4V DC
Battery capacity:	2500mAh
Output Current:	max.1A (self resetting fuse 1.25A)
Output Connectore:	two DC connectors 5.5/2.1mm – center pin is positive
No. of Cells:	7 NiMH, 2600mAh, AA-size – RS 617-0795
Charge Connector:	DC connector 5.5/2.5mm – center pin is positive
Charge Current:	max. 1A
Charger:	Ansmann ACS110 traveller (or equivalent)
Ambient Temperature:	-20°C – 55°C (-4 °F – 131°F)

Delivered devices of the system and accessories

- 1 pcs EMCtools Microbox Battery
- 2 pcs Microbox supply cable (20cm) with ferrites
- 1 pcs printed manual

Chargers have to be ordered separately