






**CTEK MXS 5.0
TEST & CHARGE**

12V/5A



ADVANCED CHARGER WITH UNIQUE BATTERY AND ALTERNATOR TESTING

The MXS 5.0 TEST & CHARGE combines an advanced micro-processor controlled battery charger with a battery and alternator test function to provide the ultimate in battery testing, charging and maintenance.

Charging – The MXS 5.0 TEST & CHARGE provides excellent performance on batteries from 1.2Ah up to 110Ah. The charger solves a broad range of battery problems and features include a patented automatic desulphation step and a special reconditioning step that will revive and restore deeply discharged and stratified batteries. The patented Float/Pulse maintenance makes the charger ideal for long-term maintenance. The **RECOND** and  option operate individually or together in both  and  programmes providing great flexibility for the user.

Testing – Three easy to use programs to test battery voltage, start power and alternator performance to provide a complete picture of battery and vehicle charging system health.

The MXS 5.0 TEST & CHARGE is easy and safe to use, protects vehicle electronics, spark-free, reverse polarity protected and short circuit proof. The MXS 5.0 TEST & CHARGE features a 5-year warranty.

TECHNICAL DATA

CHARGING VOLTAGE	14.4/14.7/15.8V
CHARGING CURRENT	Max 5A
TYPE OF CHARGER	8 step, fully automatic charging cycle, 3 voltage test programs
TYPE OF BATTERY	12V lead-acid batteries
BATTERY CAPACITY	1.2 - 110Ah, up to 160Ah for maintenance
INSULATION	IP65 (splash and dust proof)

4

Step 4 - Battery ready to use

7

Step 7 - Fully charged battery

8

Step 8 - Maintenance charging



Program for charging small batteries



Program for charging medium batteries



Option for charging in cold conditions and **AGM** batteries

RECOND

Option recondition of deeply discharged batteries

BATTERY

Test battery voltage

START POWER

Test battery starting power

ALTERNATOR

Test alternator charging performance



THE SMARTEST BATTERY CHARGERS IN THE WORLD



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CTEK COMFORT CONNECT-eyelet M6

CTEK MXS 5.0
TEST&CHARGE



CTEK COMFORT CONNECT-clamp

Complete battery care – unique and patented system to recover, charge and maintain all lead-acid battery types to maximise performance and extend life.

Safe and easy to use – user safety through spark free operation and reverse polarity protection. Vehicle electrical safety through exceptionally clean voltage and current delivery with no surges or spikes. No need to disconnect battery from the vehicle when charging.

"Connect and forget" – simple plug and play operation. Select the program and mode and leave the charger to do the rest.

Unique 8 step charging – the patented 8 step programme tests battery condition and revives, charges and maintains to ensure maximum battery life and performance. RECOND recovers deep discharged and stratified batteries. FLOAT/PULSE maintenance ensures ideal battery care during periods of inactivity.

Tests battery and alternator – three unique and simple to perform test programs to establish condition and performance of battery and vehicle charging system.

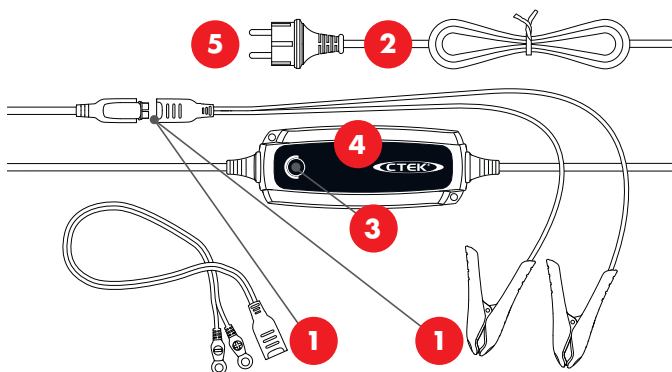
Extends battery life – the unique features of CTEK chargers combine to maximise performance and extend battery life.

GUARANTEED QUALITY WITH CTEK

CTEK customer support is available to answer any questions related to charging and CTEK chargers. Safety, simplicity and flexibility characterizes all products and solutions developed and sold by CTEK. CTEK supply chargers to more than 60 countries throughout the world. CTEK is also a reliable OEM supplier to many of the world's most prestigious car and motorcycle manufacturers.

Contact customer support: info@ctek.com

UNIQUE 8 STEP CHARGING FROM CTEK

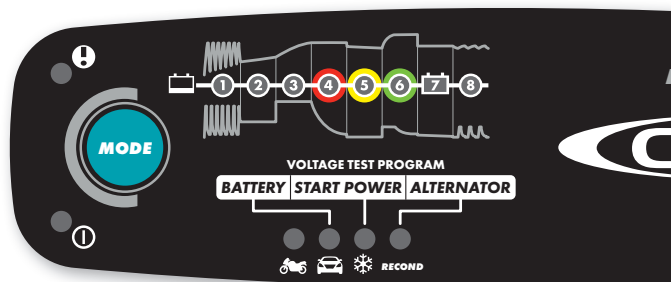


1. Connect the charger to the battery.
2. Connect the charger to the wall socket.
3. Press the MODE-button to combine charging program or with options and/or **RECOND**.

Press and release the MODE button several times until the desired combination of charging program (,) and options (, **RECOND**) is lit.

4. Follow the 8-step display through the charging process.
The battery is ready to start the engine when STEP 4 is lit.
The battery is fully charged when STEP 7 is lit.
5. Stop charging at any time by disconnecting the mains cable from the wall socket.

TESTING



1. Connect the charger to the battery
2. Press MODE to select a TEST program
BATTERY: testing battery performance
START POWER: testing battery performance when cranking engine
ALTERNATOR: testing alternator charging performance

3. Check the result:

BAD



FAIR



OK



BATTERY	< 12.4V	12.4 - 12.65V	> 12.65V
START POWER	< 9.6V	9.6 - 10.5V	> 10.5V
ALTERNATOR	< 13.3V	13.3 - 14.0V	> 14.0V



THE SMARTEST BATTERY CHARGERS IN THE WORLD



Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.