



THE SMARTEST BATTERY CHARGERS IN THE WORLD



CTEK MXS 3.8

3.8A

All-Round Charger with Patented Float/Pulse Maintenance



The **MXS 3.8** is an advanced microprocessor controlled battery charger with patented Float/Pulse maintenance for use on batteries from 1.2 Ah up to 85 Ah. The **MXS 3.8** solves a broad range of battery problems and is the ideal charger for everyday use. Features of the **MXS 3.8** include diagnosis of battery condition to establish if it can receive and retain charge, patented automatic desulphation program and a special 'Snowflake' mode for optimum charging on cold winter days. Patented Float/Pulse maintenance means the **MXS 3.8** is ideal for long-term maintenance. The entire process of battery testing, charging and maintenance is easily followed on the clear LED display.

The **MXS 3.8** is a fully automatic 'connect and forget' 12 V charger with 7 charging steps and offers selectable 0.8 A, and 3.8 A programs. The 'Snowflake' mode operates on the 3.8 A program. It offers a wide charging range on all lead-acid battery types from 1.2 Ah up to 80 Ah with additional maintenance capability to 130 Ah. It is splash proof and dust-proof (IP 65). The **MXS 3.8** is easy and safe to use, protects vehicle electronics, is spark-free, reverse polarity protected and short circuit proof. The **MXS 3.8** features a 5-year warranty.

6

FULLY CHARGED BATTERY

7

Maintenance charging



PROGRAM for charging small batteries



PROGRAM for charging normal batteries



For charging in cold conditions and AGM batteries

TECHNICAL DATA

Part Number	T26001561253
OE	56-309
Charging Voltage	14.4/14.7 V
Charging Current	Max 3.8 A
Type of Charger	7 step, fully automatic charging cycle
Battery Capacity	1.2–85 Ah, up to 130 Ah for maintenance



- CTEK MXS 3.8
- CTEK COMFORT CONNECT—eyelet M6
- CTEK COMFORT CONNECT – clamp

Complete Battery Care — unique and patented system to charge and maintain all lead-acid battery types to maximise performance and extend life.

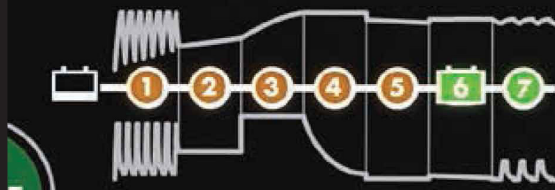
Safe and easy to use — User safety through spark free operation and reverse polarity protection. Vehicle electrical safety through exceptionally clean voltage and current delivery with no surges or spikes. No need to disconnect battery from the vehicle when charging.

Connect and Forget — simple plug and play operation. Select the program and leave the charger to do the rest.

Unique 7 Step Charging — the patented 7 step programme tests battery condition and charges and maintains to ensure maximum battery life and performance. SNOWFLAKE ideal for charging on cold winter days. FLOAT/PULSE maintenance ensures ideal battery care during periods of inactivity.

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

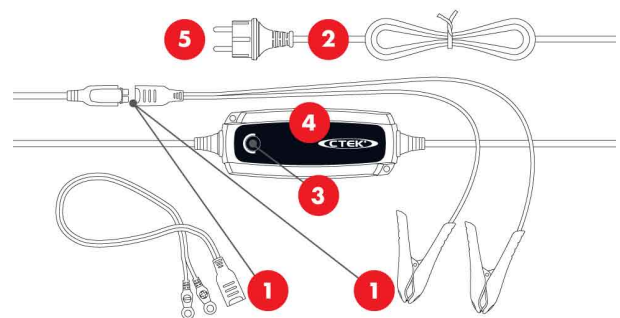
Unique 7-Step Charging From CTEK



- 1 STEP 1 - DESULPHATION**
Pulsing voltage removes sulphates from the lead plates of the battery restoring the battery capacity.
- 2 STEP 2 - SOFT START**
Tests if the battery can accept charge. Charging begins if the battery is OK
- 3 STEP 3 - BULK**
Charging with maximum current until approximately 80% battery capacity.
- 4 STEP 4 - ABSORPTION, BATTERY READY TO USE**
Charging with declining current to maximize up to 100% battery capacity.
- 5 STEP 5 - ANALYSE**
Tests if the battery can hold charge. Batteries that cannot hold charge may need to be replaced.
- 6 STEP 6 - FLOAT, BATTERY FULLY CHARGED**
Maintaining the battery voltage at maximum level by providing a constant voltage charge.
- 7 STEP 7 - PULSE, MAINTENANCE CHARGING**
Maintaining the battery at 95–100% capacity. The charger monitors the battery voltage and gives a pulse when necessary to keep the battery fully charged.

Charging Mode

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 .
- Press and release the mode button to select the 'SNOWFLAKE' program.
4. Follow the 7 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 6 is lit.
5. Stop charging at any time by disconnecting the mains cable from the wall socket.



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.

This may not be stock items. Please speak to your sales representative about lead times. Lead times, price and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.

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