

The image shows a close-up of a CTEK MXS 5.0 battery charger connected to a car battery. The charger is a black and silver device with a digital display and various control buttons. The car's headlight and grille are visible in the background.

MXS 5.0

# AUTOMATIC CHARGING AND MAINTENANCE FOR VEHICLE AND MOTORCYCLE BATTERIES, WITH RECONDITIONING MODE

*The MXS 5.0 comes with automatic temperature compensation for the best charging performance, even in extreme conditions.*

## **COLD WEATHER PERFORMANCE**

The MXS 5.0 is an advanced microprocessor controlled battery charger which gives unrivalled performance for lead acid batteries from 1.2-110Ah. It comes with automatic temperature compensation built in which ensures the best charging performance, even in the most extreme conditions. The MXS 5.0 also includes battery diagnosis to establish whether your battery can receive and retain a charge, patented automatic desulphation program, an AGM option which maximises the performance life of most Stop/Start batteries and a special Recond mode for reconditioning deeply discharged batteries. The MXS 5.0 uses CTEK's patented float/pulse system, which is the most efficient maintenance mode when a battery is connected for long periods.

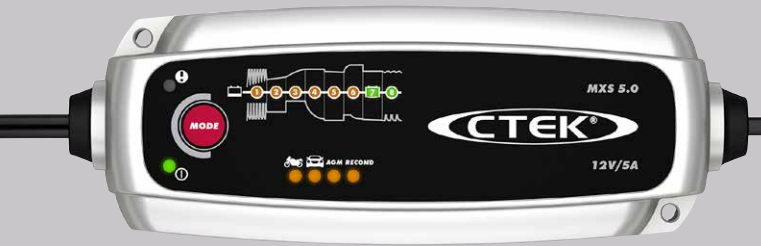
## **PRACTICAL AND SIMPLE TO USE**

The MXS 5.0 charger is a practical and simple to use charger with an easy to understand display, It is non-sparking, reverse polarity protected and short-circuit proof, and comes with a 5 year warranty.

- Charges batteries up to 110Ah
- Easy to read LED display
- Splash and dust proof (IP65)
- Safe spark free operation
- Reverse polarity protected
- Short circuit proof
- Fully automatic 'connect and forget' 8 step 12V charging
- Smaller battery, normal battery, AGM and Recond programs
- Built in automatic temperature compensation
- Patented float/pulse maintenance for batteries up to 160Ah
- 5-year warranty

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### TECHNICAL DATA

INPUT	220-240 VAC, 50-60 Hz, 0.6 A
OUTPUT	14.4/14.7/15.8 V, 5.0 A
CHARGER TYPE	8 step, fully automatic charging cycle
BATTERY TYPES	12 V: WET, MF, Ca/Ca, AGM, EFB, GEL
BATTERY CAPACITY	1.2-160 Ah
START VOLTAGE	2.0 V
BACK CURRENT DRAIN*	Corresponding to less than 1 Ah/month
RIPPLE**	Less than 4 %
AMBIENT OPERATING TEMPERATURE	-20 °C to +50 °C
TEMPERATURE COMPENSATION	Built-in compensation of charging voltage based on ambient temperature.
BATTERY CHEMISTRY	Lead acid
DEGREE OF PROTECTION	IP65
WARRANTY	5 years

\*) Back current drain is the current that drains the battery if the charger is not connected to the mains. CTEK chargers have a very low back current.

\*\*) The quality of the charging voltage and charging current is very important. A high current ripple heats up the battery which has an aging effect on the positive electrode. High voltage ripple could harm other equipment that is connected to the battery. CTEK battery chargers produce very clean voltage and current with low ripple.

### 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 70 countries throughout the world. CTEK is also a reliable OEM supplier to many of the world's most prestigious car and motorcycle manufacturers.

For more information visit [WWW.CTEK.COM](http://WWW.CTEK.COM)

*All products and product specifications are subject to change without notice, to improve reliability, function or design. In the event of product error, we reserve the right to inspect the product and verify the fault. All product returns are subject to our standard warranty terms.*

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