

CTEK MXS 10EC

10A/12V



FLEXIBLE WORKSHOP BATTERY CHARGER AND SUPPORT UNIT

CTEK MXS 10EC



The CTEK MXS 10EC is a fully automatic 8 step smart charger and battery support unit that delivers 10A to 12V batteries including AGM types from 20-200Ah up to 300Ah in maintenance mode.

Designed for professional use, the MXS 10EC includes a wide range of features, including an automatic diagnostic function that tests whether a battery is able to take and hold a charge and a supply function that allows it to be used as a power supply to support vehicle electronics during sensitive battery changeovers. The MXS 10EC is ideal in the workshop not only for cars but for a range of other applications including boats and recreational vehicles.

Easily portable, the MXS10 EC is supplied with 4 metre extended charge cables and a protective silicon rubber bumper for maximum convenience and versatility.

The MXS 10EC is supplied with an optional temperature sensor, making it able to compensate for conditions and provide optimum charging whatever the weather. It is delivered with a 2 year warranty.

- AUTO**
Fully automatic for optimal charging
- 12V**
For all lead-acid batteries
- 7**
FULLY CHARGED BATTERY
- 8**
Maintenance charging
- T**
Temperature sensor
- AGM**
For charging in cold conditions and AGM batteries
- RECOND**
Recondition of deeply discharged batteries
- SUPPLY**
Use the charger as a power supply



TECHNICAL DATA

CHARGING VOLTAGE	14.4/14.7/15.8 /13.6 V
CHARGING CURRENT	Max 10 A
TYPE OF CHARGER	8 step, fully automatic charging cycle
TYPE OF BATTERY	12 V lead-acid batteries
BATTERY CAPACITY	20-200 Ah, up to 300 Ah for maintenance
INSULATION	IP65 (splash and dust proof)

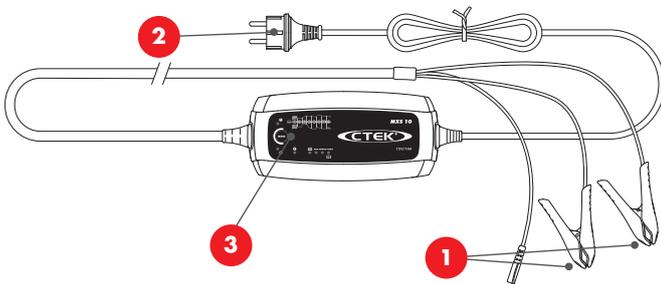


THE SMARTEST BATTERY CHARGERS IN THE WORLD



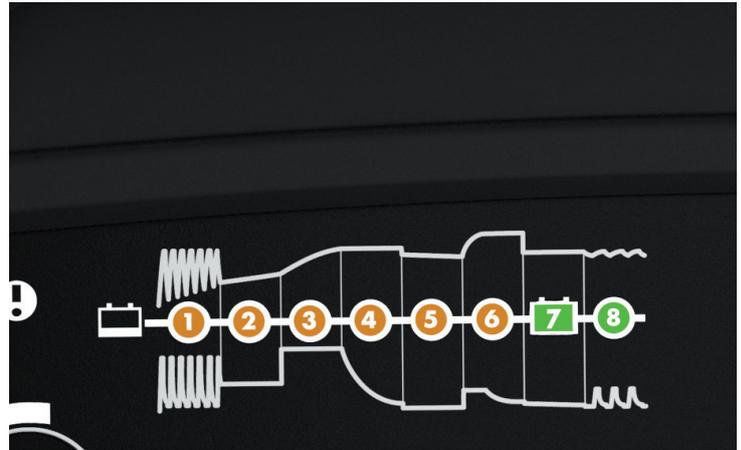
- Professional, fully automatic smart charger and battery support unit that delivers 20-200Ah to 12V batteries.
- Patented 8 step charging process.
- Enables sulphated, stratified and deeply discharged batteries to be reconditioned.
- Equipped with 4 metre cables - no need to remove battery from the vehicle.
- Easily portable with durable non-slip protective bumper guard.

CONNECT AND FORGET



- 1. Connect the charger to the battery.**
- 2. Connect the charger to the wall socket.**
Power-on lamp lights
- 3. Press the MODE-button to select charging program.**
 - Normal and slightly bigger batteries
 - AGM** For charging in cold conditions and AGM batteries
 - RECOND** Reconditioning of deeply discharged batteries
 - SUPPLY** 12 V power supply or float maintenance
- 4. ... and you're ready.**

CTEK's UNIQUE 8 STEP CHARGING



- 1 STEP 1 DESULPHATION**
Pulsing voltage removes sulphates from the lead plates of the battery, restoring the battery's capacity.
- 2 STEP 2 SOFT START**
Tests if the battery can accept charge. Charging begins if the battery is OK.
- 3 STEP 3 BULK**
Charges with maximum current until approximately 80 % battery capacity is reached.
- 4 STEP 4 ABSORPTION, READY TO USE**
Charges 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 RECOND**
Reconditioning function for deeply discharged batteries.
- 7 STEP 7 FLOAT, FULLY CHARGED**
Maintains the battery voltage at maximum level by providing a constant voltage charge.
- 8 STEP 8 PULSE, MAINTENANCE CHARGING**
Maintains the battery at 95-100 % capacity. The charger monitors the battery voltage and gives a pulse when necessary to keep the battery fully charged.

GUARANTEED QUALITY WITH CTEK

CTEK customer support is available to answer any questions related to charging and CTEK chargers. Safety, simplicity and flexibility characterise all products and solutions developed and sold by CTEK. CTEK supplies 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