



**CTEK MXS 5.0  
POLAR**

**5 A**



# NEW WINTER CHARGING CTEK MXS 5.0 POLAR WITH MULTI WINTER OPTIONS

CTEK Polar is a one-of-a-kind charger with its modern, advanced technology and its special adaptation to handle severe cold. It was developed for vehicles requiring good battery care during cold winter periods, such as snowmobiles, ATVs, jeeps and cars. CTEK Polar has a modified charging voltage function for optimised charging in extremely cold temperatures. The function is available for both small (snowmobiles and ATVs) and normal-size batteries (jeeps and cars). Another unique quality is that the reconditioning function (which restores stratified and deeply discharged batteries) is available for both the small and normal-size batteries. CTEK POLAR is equipped with extremely cold-resistant rubber cables on both sides (AC and DC to the battery). With the advanced 8-step charging system, the charger analyses whether the battery can receive and maintain a charge. It is completely automatic and switches to effective maintenance charging when the battery is fully charged - a huge benefit in the cold. CTEK POLAR works well in regular climates, but is adapted for charging between -30°C and +50°C.

## TECHNICAL DATA

CHARGING VOLTAGE	14.4/15.0/15.8 V
CHARGING CURRENT	Max 5 A
TYPE OF CHARGER	8 step, fully automatic charging cycle
TYPE OF BATTERY	12 V lead-acid batteries
BATTERY CAPACITY	1.2-110 Ah, up to 160 Ah for maintenance
INSULATION	IP65 (splash and dust proof)



Fully automatic for optimal charging



For all lead-acid batteries



Maintenance charging



PROGRAM

For charging small sized batteries



PROGRAM

For charging medium sized batteries



OPTION

For charging in cold conditions and AGM batteries

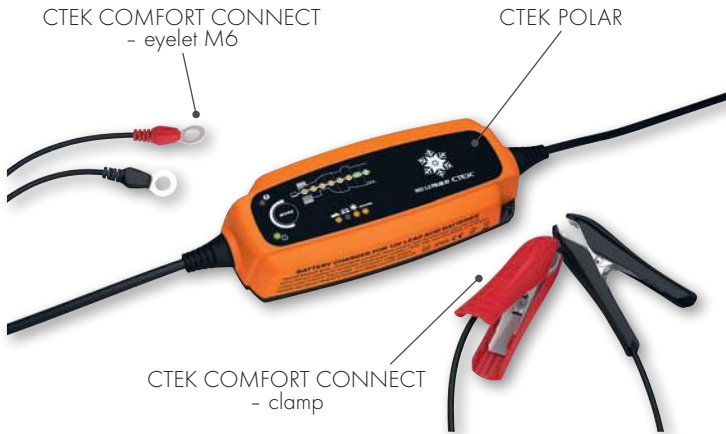
**RECOND**

OPTION

Recondition of deeply discharged batteries

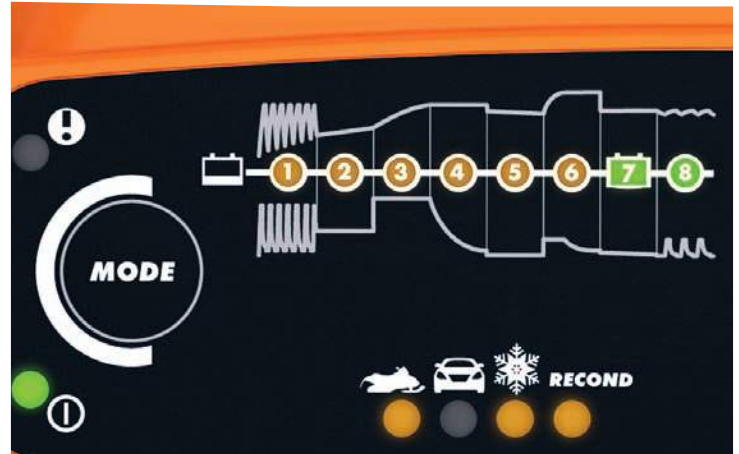


**THE SMARTEST BATTERY CHARGERS IN THE WORLD**



- Cold weather proof and soft cabling for temperatures -30°C-+50°C.
- Multi combination modes for selectable options for all programs.
- Fully automatic charging and maintenance in 8 steps maximizes battery life and performance.
- Several accessories simplifies using the same charger for multiple batteries.
- One charger for the car, motorcycle, ATV, snowmobile and tractor.
- Water-resistant so that the solution could be taken to the problem even if it rains or snows.
- Patented maintenance charge for a unique combination of maximized life and performance.
- Recondition of deep discharged batteries.
- Patented desulphation that extends the battery life.
- No sparks, short-circuit proof and reverse-polarity protected for untroubled usage.
- Automatic detection of end-of-life batteries that eliminates surprises.

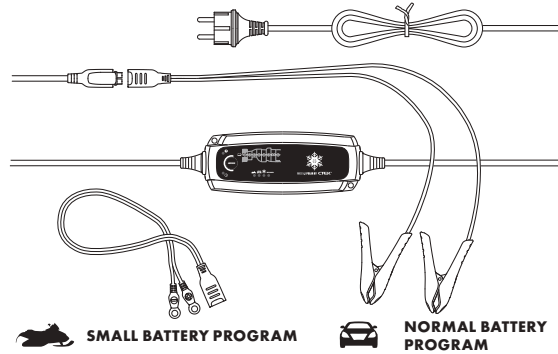
**CTEK's UNIQUE 8 STEP CHARGING**



- STEP 1** DESULPHATION
- STEP 2** SOFT START
- STEP 3** BULK
- STEP 4** ABSORPTION, **READY TO USE**
- STEP 5** ANALYSE
- STEP 6** RECOND
- STEP 7** FLOAT, **FULLY CHARGED**
- STEP 8** PULSE, **MAINTENANCE CHARGING**

**CHARGING with MULTI OPTIONS**

1. Connect the charger to the battery.
2. Connect the charger to the wall socket.
3. Press the **MODE**-button to select charging program.



Continue to press the **MODE**-button to combine charging program with charging options.

- COLD WEATHER OPTION
- RECOND** RECOND OPTION

Press the **MODE**-button several times until the desired combination of charging program and options are 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.



**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](mailto:info@ctek.com)**