



CTEK MXS 4003

12V/4.0A



UNIQUE QUALITY

CTEK MXS 4003

FOR UNIQUE QUALITY CHARGING

CTEK MULTI XS 4003 is the smartest and safest consumer charger up to now. Our new charger is as easy to use as all other CTEK chargers, but now equipped with the latest generation technology. MULTI XS 4003 features a practical display showing diagnosis of the battery, the charging process, when to start the vehicle, and other smart functions. The combination of CTEK's user friendliness and advanced technology makes this charger suitable for everyone; from the family user to the more professionally concerned.

INPUT VOLTAGE	220-240V AC, 50-60Hz
INPUT CURRENT	0.65A
CHARGING VOLTAGE	14.4/14.7/15.8V
CHARGING CURRENT	0.8/4.0A
RIPPLE	<4%
AMBIENT TEMPERATURE	-20°C to +50°C
COOLING	Natural convection
TYPE OF CHARGER	Eight step, fully automatic charging cycle
TYPE OF BATTERY	12V lead-acid batteries
BATTERY CAPACITY	1.2-140Ah
CABLE	1.9m
DIMENSIONS (LxVxH)	168x65x38mm
INSULATION	IP65 (splash and dust proof)
WEIGHT	0.6kg



Charging in cold conditions



For all lead batteries

RECOND

Reconditioning of deeply discharged batteries

IP65

Suitable in tough environment



Fully automatic for optimal charging



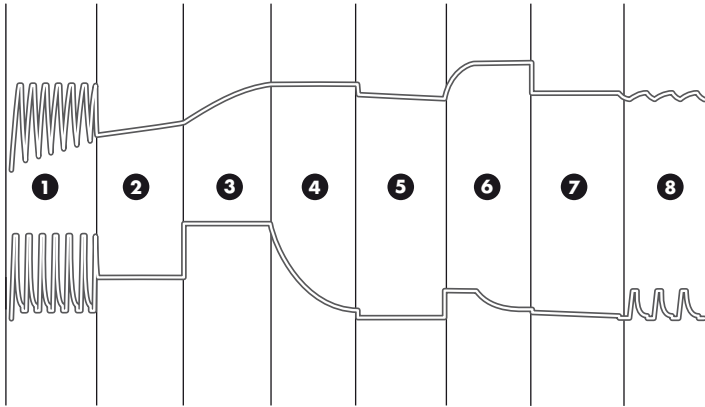
FULLY CHARGED BATTERY



Maintenance charging



THE SMARTEST BATTERY CHARGERS IN THE WORLD



STEP 1
Removes harmful sulphate deposits before charging begins

STEP 2
Battery diagnosis. Charging begins if the battery is OK

STEP 3
Main charging, battery is charged to 80%

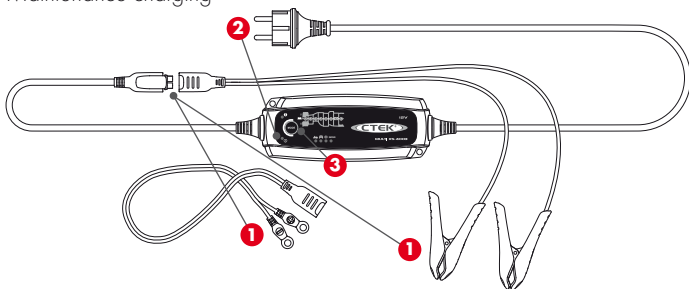
STEP 4
Top charge
Your vehicle can be started after this step

STEP 5
Tests whether the battery can retain a charge

STEP 6
Reconditioning function for deeply discharged batteries

STEP 7
Fully charged battery

STEP 8
Maintenance charging



1. Select connection to battery and charger

2. Connect to power socket
– Power-on lamp lights

3. Use the Mode button to select charging programme

Small batteries

Normal and slightly bigger batteries

Charging in cold conditions

RECOND Reconditioning deeply discharged batteries.

4. ... and ready

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UNIQUE 8-STEP CHARGING FOR PERFECT BATTERY CARE

The patented functions and the 8-step curve make CTEK's charging and maintenance unique. Batteries are diagnosed, cared for, charged, reconditioned and maintained fully automatically. Everything that is needed to guarantee that batteries are always in good condition and have longer service life.

FLEXIBLE CHARGING POSSIBILITIES

MXS 4003 can efficiently charge all types of lead batteries. The snowflake mode provides suitable charging voltage (14.7V) for charging in cold conditions and for charging the more demanding AGM batteries. The complete series of accessories makes charging easier and more convenient for the user and the robust design facilitates charging in tough environments, from dusty heat and rain to severe cold.

UNIQUE RECONDITIONING FUNCTION

The unique Recond-function restores life to deeply discharged batteries. If such batteries are left standing for long periods the acid will stratify. Stratifying of the battery acid can be corrected by controlled 15.8V charging. When the reconditioning process is completed the charger shifts automatically to normal maintenance charging.

PATENTED DESULPHATION FUNCTION

Batteries must counteract sulphate deposits. The harmful process of sulphate deposits forming on lead plates of the battery will begin if it is not charged at regular intervals. This will make the battery difficult to charge, it will reduce its capacity and its service life. CTEK's patented method prevents the sulphating process.

GUARANTEED HIGH QUALITY WITH CTEK

CTEK offers a 5 year guarantee on all consumer-oriented chargers. CTEK's customer support is an appreciated service, both with regard to general questions and to advice concerning specific charging circumstances. CTEK has a sound knowledge base on batteries and charging to facilitate continued development of its products and appertaining technology.



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