

**CTEK M200****15A**

# PERFECT BATTERY CARE

M200 is a perfect 15A battery charger for all boat owners. It provides a lot of value and functions for the price. M200 is temperature compensated, it reconditions a stratified battery with the special RECOND mode, and this is needed after several deep discharges which is common in the marine environment. The larger CTEK's Marine chargers have 4 meter cables and eyelets for easy installation on the boat. M200 has 5 year warranty delivers 15A and has IP44-classification. All CTEK chargers are spark free, short circuit proof and will not harm the electronic equipment.

## TECHNICAL DATA

INPUT VOLTAGE	220-240VAC, 50-60Hz
CHARGING VOLTAGE	14.4V
CHARGING CURRENT	15A max
COOLING	Fan
RIPPLE	<4%
AMBIENT TEMPERATURE	-20°C to +50°C
TYPE OF CHARGER	8-step, fully automatic charging cycle
TYPE OF BATTERY	All types of 12V lead-acid batteries
BATTERY CAPACITY	28-300Ah, maintenance 28-500Ah
PROTECTION CLASS	IP44 (Outdoor use)
DIMENSIONS	235x130x65mm
WEIGHT	2.2kg



Fully automatic for optimal charging



For all 12V lead-acid batteries



FULLY CHARGED BATTERY MAINTENANCE CHARGING



Temperature sensor



Recondition of deeply discharged batteries



Silent night program



No harmful galvanic currents



THE SMARTEST BATTERY CHARGERS IN THE WORLD



8 step charging cycle



RECOND program

Silent night program

## CTEK CHARGING

**DESULPHATION  
SOFT START**

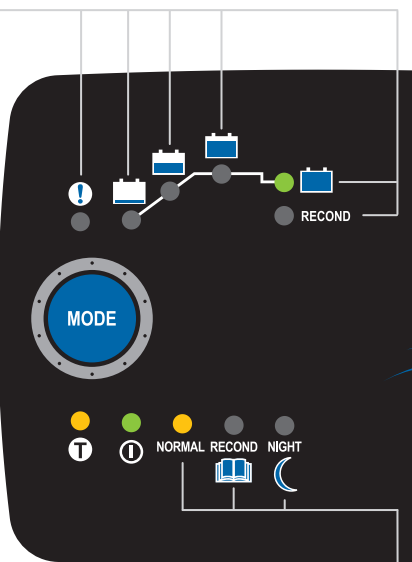
**BULK**

**ABSORPTION  
READY TO USE  
ANALYSE**

**FLOAT  
FULLY CHARGED  
PULSE**

**RECOND** Returning energy to flooded batteries suffering from stratification. It also avoids negative plate sulphation for VRLA batteries.

**ERROR LAMP**  
The charging is interrupted.



## CHARGING PROGRAM

**NORMAL** 15A/14.4V **RECOND** 3A/15.8V **NIGHT** 5A/14.4V

## SPECIAL PROGRAMS



Use to reduce noise from the fan by lowering the output power.  
Use during periods with low energy consumption such as the night.



Use to return energy to your empty WET and Ca/Ca batteries.  
**Recond your battery once per year or after deep discharge to maximize lifetime and capacity.**

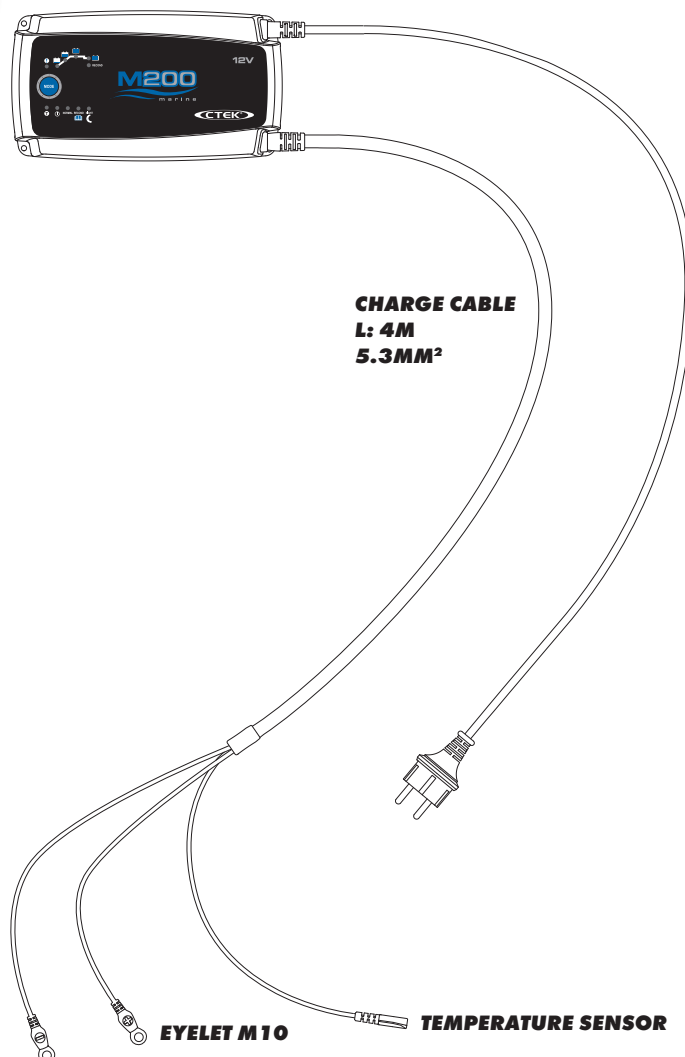
## TEMPERATURE SENSOR



**TEMPERATURE  
SENSOR**



M200 has a temperature sensor cable placed together with the battery cables. The temperature sensor will automatically adjust the charging voltage if the temperature deviates from +25°C. A high temperature lowers the voltage and freezing conditions are handled by higher voltage. Always place the temperature sensor as close to the battery as possible when charging.



**CHARGE CABLE  
L: 4M  
5.3MM²**

**EYELET M10**

**TEMPERATURE SENSOR**

## 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)**



**Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.