

THE CHARGER WITH MAXIMUM POWER

SIMPLICITY – SAFETY – FLEXIBILITY



CTEK MULTI XS 25000

is an 8-step, fully automatic primary switch mode battery charger. A powerful charger for 12V batteries that require rapid charging such as in garages, RV's, boats and of course cars. The SUPPLY mode provides a vehicle with power, without the battery, a vital function when changing batteries in order not to lose settings and configurations.



- **Fully-automatic – for charging and maintenance**

In addition to normal charging of batteries, they also have a fully-automatic charging cycle through CTEK's in-house patented system for maintenance charging. The batteries are kept at full capacity (float) over the first 10 days period. The chargers then switch to pulse maintenance, which is the optimal way of storing the batteries in the long-term and providing them with maximum service life.

- **Patented desulphation function**

Unused batteries lose their power and their life is shortened through sulphation. It is also more difficult to charge sulphated batteries. MULTI XS 25000 has a patented method for reconditioning sulphated batteries. The charger analyses the state of the battery and then, if possible, recovers the battery and its power.

- **Weather independent**

The chargers are fitted with temperature sensors adapting the charging voltage to suit the battery temperature and handle effective charging no matter the climate, from -20°C to +50°C. They are very robust and have an IP44 classification, approved for outdoor use.

- **Compatible with other electronic equipment**

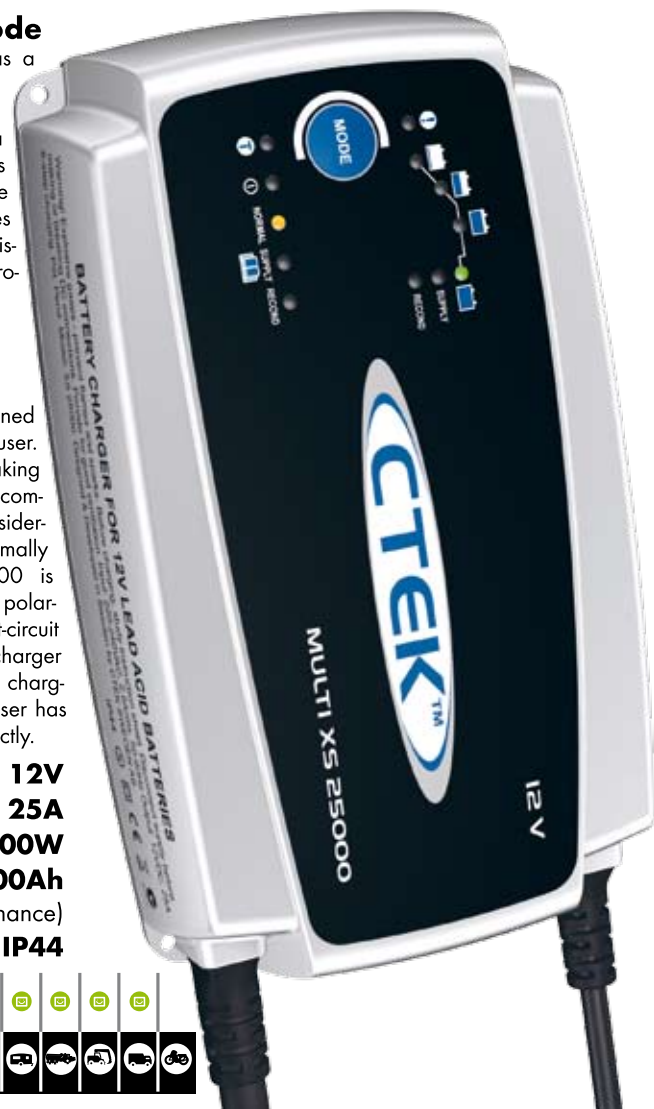
Most vehicles today are equipped with sensitive electronic systems. Unlike less-sophisticated chargers, there is no need to disconnect your battery as MULTI XS 25000 is specially designed not damage the electronic systems.

- **Unique Supply and Recond mode**

The Supply mode serves as a power supply unit which can run 12V equipment up to 25A. When changing a battery important settings will therefore not be lost. The unique Recond mode restores the power capacity in a stratified battery and therefore prolongs its life.

- **Designed for safety**

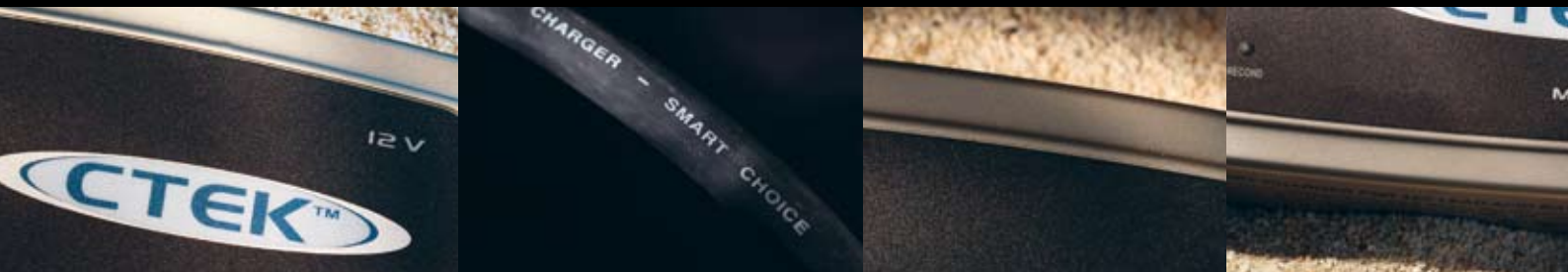
All CTEK models are designed to consider the safety of the user. It They is are spark free making the connection much more comfortableasier and safer considering the gases batteries normally produce. MULTI XS 25000 is also protected from reverse polarity connections and is short-circuit proof. A red light on the charger will simply indicate that the charging cannot begin until the user has connected the charger correctly.



**12V
25A
300W
50-500Ah
(charging and maintenance)
IP44**

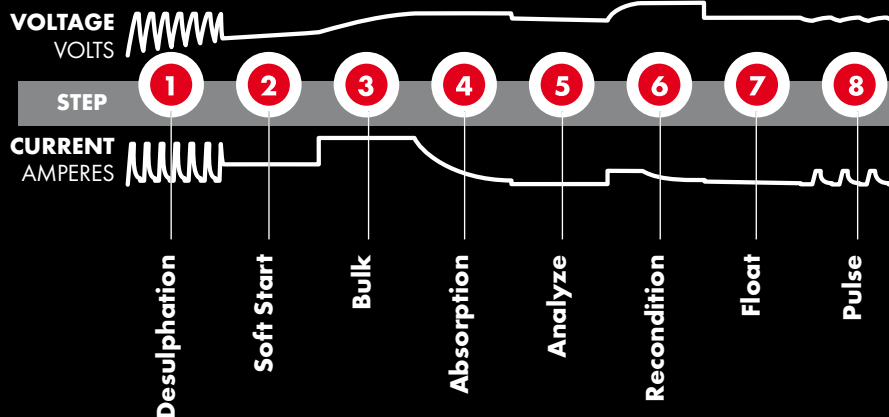


THE SMARTEST BATTERY CHARGERS IN THE WORLD



MULTI XS 25000

8 step



Technical data – MULTI XS 25000

Input voltage AC	170–260VAC, 50–60Hz
Output voltage	Nominal:12V
Efficiency	HIGH 85%
Charging voltage	14.4V, temperature compensated
Charging current	25A max
Back current drain*	<2Ah per month
Ripple**	<4%
Ambient temperature	-20 °C to +50 °C, output power is reduced automatically at higher temperatures
Cooling	Fan
Type of charger	8 step, fully automatic switch mode with pulse maintenance
Type of batteries	12V lead-acid batteries (Wet, MF, AGM, GEL and Ca)
Battery capacity	50–500Ah (charging and maintenance)
Dimensions (L xWxH)	235x130x65mm
Insulation	IP44 outdoor use
Weight	1.4kg

*) Back current drain is what drains the battery if the charger is connected without the power cord connected.

**) Ripple describes the quality of the current and voltage. A high current ripple heats the battery and shortens its life. A linear charger has a current ripple of 70–400% which is much larger than the maximum 5% for a modern sealed battery. High voltage ripple could harm other equipment that is connected to the battery. MULTI XS 25000 delivers voltage and current with very low ripple. The battery has a long service life and there is no risk of damage to other electronic devices connected to the battery.



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