

# A GREAT ALL-ROUND CHARGER

**SIMPLICITY – SAFETY – FLEXIBILITY**



## CTEK MULTI XS 3600

is a fully automatic primary switch mode battery charger. Practical and efficient in a compact format, perfect for any household with multiple vehicles and boats requiring battery care.



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

No need for any specific knowledge of batteries or their charging methods; MULTI XS 3600 will take care of that for you. Once you have switched to the mode you want, the charger takes its own readings and then begins to charge the battery. Once it is finished charging, it will automatically switch to its maintenance phase – pulse charging – arguably the most caring mode for a battery connected for a long time (patented system by CTEK). The MULTI XS 3600 can be connected for months, which is ideal for seasonal vehicles.

- **Flexible for different battery needs**

MULTI XS 3600 is specifically developed for different needs, vehicles and batteries, allowing you to choose between three different modes. The low-current mode (the motorcycle icon) is perfect for smaller 12V batteries such as motorbikes, lawnmowers, jet skies, snowmobiles, etc. The higher power mode (the car icon) is for automotive or marine applications with larger batteries. Finally, an additional winter mode (the snowflake), with a higher voltage that the other modes, is specially aimed at charging and maintenance in cold weather and for batteries with special requirements.

- **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 3600 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.

- **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 3600 is specially designed not to damage the electronic systems.

- **Made for all weather conditions and situations**

MULTI XS 3600 is prepared to charge and maintain, no matter the weather, temperature or situation. MULTI XS 3600 is extremely robust as well as water and dust resistant (IP65 classification). MULTI XS 3600 is certificated for use between -20°C and +50°C. In order to make things easier and more convenient, the attached "Comfort Connect" can be permanently connected to the vehicle battery.

- **Designed for safety**

All CTEK models are designed to consider the safety of the user. They are spark free making the connection much easier and safer considering the gases batteries normally produce. MULTI XS 3600 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  
3.6A  
45W**

**1.2–75Ah (charging)  
1.2–120Ah (maintenance)**

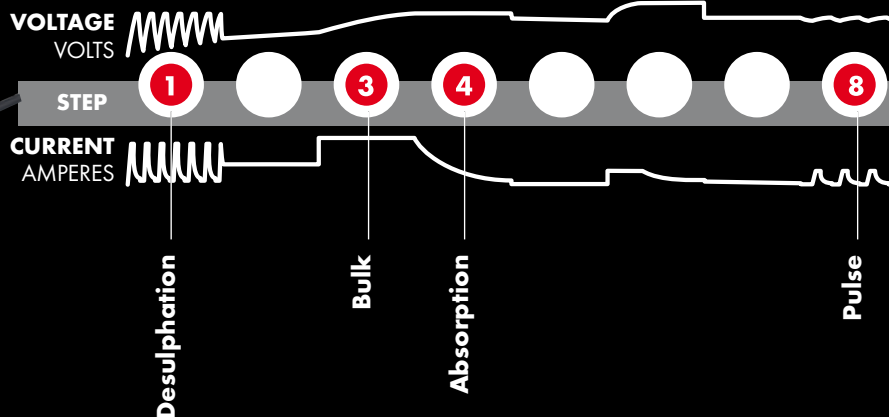
**IP65**



**THE SMARTEST BATTERY CHARGERS IN THE WORLD**



**MULTI XS 3600**  
4 step



**Technical data – MULTI XS 3600**

<b>Input voltage AC</b>	<b>170–260VAC, 50–60Hz</b>
<b>Output voltage</b>	<b>Nominal:12V</b>
<b>Efficiency</b>	<b>HIGH 85%</b>
<b>Charging voltage</b>	<b>14.4V/0.8A, 14.4V/3.6A, 14.7V/3.6A</b>
<b>Charging current</b>	<b>3.6A max</b>
<b>Back current drain*</b>	<b>&lt;1Ah per month</b>
<b>Ripple**</b>	<b>~2%</b>
<b>Ambient temperature</b>	<b>-20 °C to +50 °C, output power is reduced automatically at higher temperatures</b>
<b>Type of charger</b>	<b>4 step, fully automatic switch mode with pulse maintenance</b>
<b>Type of batteries</b>	<b>12V lead-acid batteries (Wet, MF, AGM, GEL and Ca)</b>
<b>Battery capacity</b>	<b>1.2–75Ah (charging) 1.2–120Ah (maintenance)</b>
<b>Dimensions (L x W x H)</b>	<b>165x61x38mm</b>
<b>Insulation</b>	<b>IP65 (splash and dust proof), outdoor use</b>
<b>Weight</b>	<b>0.5kg</b>

\*) 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 3600 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.



[www.ctek.com](http://www.ctek.com)

THE SMARTEST BATTERY CHARGERS IN THE WORLD