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'Jump starting' – but safer, and not as we know it

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CTEK's 'CS FREE' Adaptive Booster and Battery Charger can get your car going without risk of damage, and keep the battery on top form...

CTEK tells us:



(Image and all words from CTEK).

Facing a dead battery can be a frustrating experience, especially when you're in a hurry or far from help. Jumpstarting a car is a common solution, [but traditional methods involving jump cables and jump starter packs can pose significant risks to your vehicle's electronics and battery.](#)

Enter the CTEK CS FREE Adaptive Booster and Battery Charger, a revolutionary device that not only powers up your flat battery swiftly and safely but also acts as a portable battery charger, ensuring your vehicle batteries remain in peak condition wherever you go. In this article we'll learn how to jumpstart a car the safe way.

CS FREE Adaptive Booster: A safer jumpstart

Bid farewell to the age-old reliance on jump cables and starter packs that come with inherent risks of damaging your vehicle's battery or electronics. The CS FREE provides a safe and efficient solution to power up flat batteries. This device employs advanced technology to ensure a swift and risk-free jumpstart, minimising the potential for damage to your valuable vehicle components. This is crucial if you want to jumpstart a car the safe way.

[\(Kim adds: "Modern car electronics - including the vital Electronic Control Unit or ECU - are sensitive to voltage spikes etc, and can easily be damaged or indeed written off by careless/incorrect jump starting, including using some traditional methods... mistakes can be VERY expensive!"\)](#).

Charge and maintain anywhere

One of the standout features of the CS FREE is its versatility. Whether you're connected to a mains power source or going off-grid, this adaptive booster keeps your battery in optimal condition. The CS FREE is designed to charge and maintain any 12V lead-acid or lithium battery, making it suitable for a wide range of vehicles. Additionally, it can be powered by a



standard power outlet, solar energy, or even a separate leisure battery, providing you with flexibility and convenience in any situation.

Hi-tech power bank functionality

The CS FREE goes beyond its role as a vehicle-centric device by doubling as a high-tech power bank. This feature ensures that you stay connected on the go by allowing you to charge your USB devices whenever needed. Whether you're in the great outdoors or experiencing a power outage, the CS FREE is your reliable companion, keeping you connected and ensuring that your essential devices remain charged.

Say goodbye to jumpstarting hassles

With the CTEK CS FREE, the days of fumbling with jump cables and worrying about potential damage to your vehicle are over. This adaptive booster and battery charger provide a modern, safe, and efficient solution to jumpstart your car's battery. Its versatility extends beyond jumpstarting, making it a comprehensive device for maintaining and charging your vehicle batteries wherever you are.

Step-by-step guide to using CTEK CS FREE battery charger

1. [Assess battery condition:](#)

Before connecting the charger, assess the condition of the vehicle's battery. Ensure it is safe to charge and does not display any visible signs of damage or leakage.

2. [Prepare the charger:](#)

Locate the CS FREE battery charger unit and ensure it is fully charged.

Familiarise yourself with the charger's components, including the display panel and input/output ports.

3. [Connect clamps to specific charge/jump start points \(ideally\) or battery terminals:](#)

Check the vehicle's manual for specific charge points or jump start points. If you can't find



any specific jump start points, connect the red clamp to the positive battery terminal and the black clamp to an earth point on the vehicle body.

Attach the red clamp (positive) to the positive charge/jump start point or terminal of the battery.

Attach the black clamp (negative) to the negative charge/jump start point or terminal of the battery.

Ensure the clamps are securely attached to the terminals to prevent any accidental disconnection during the charging process.

4. [Start Adaptive Boost charging:](#)

Ensure that the CS FREE is not connected to a power source, as this will force it to go into the regular charging mode.

Press and hold the power button until it lights up. The CS FREE will analyse the battery and automatically start boost charging it.

The Start LED will pulsate during Adaptive Boost. When the Start LED shows a steady white light, the battery should have enough charge to start the vehicle. The Adaptive Boost session usually takes less than 15 minutes.

5. [Disconnect charger:](#)

Once the Start LED is fully lit, turn off the CS FREE by pressing and holding the power button.

Remove the clamps from the charge point/battery terminals in the following order: black clamp (negative) first, followed by the red clamp (positive).

6. [Start the vehicle:](#)

Once you've removed the CS FREE from the battery you can try to start the vehicle.



The CTEK CS FREE Adaptive Booster and Battery Charger revolutionises jumpstarting and maintaining car batteries. By prioritising safety and versatility, this device eliminates the need for traditional jump cables and starter packs, providing a reliable and convenient solution. Whether you're facing a flat battery or looking to keep your vehicle batteries in peak condition, the CS FREE is the ultimate all-in-one solution for how to jumpstart a car the safe way.

The price of the CS FREE is £280, and the unit is available from Halfords, instore or online.

Kim adds: "The above text is from CTEK; at Wheels-Alive we have not so far independently tested the CS FREE".