

A blue and black CTEK CS FREE battery charger and maintainer is shown at an angle against a dark, gravelly background. The device has a circular dial with '15', '30', and 'START' markings, and a small circular indicator light. The CTEK logo is visible on the top surface.

CS FREE

PORTABLE BATTERY CHARGER AND MAINTAINER WITH ADAPTIVE BOOST TECHNOLOGY

CTEK CS FREE is the world's first truly portable battery charger and maintainer with Adaptive Boost technology.

You can charge and maintain any 12V lead acid or lithium vehicle battery anywhere without being connected to a power outlet.

And if your battery's flat, CS FREE's revolutionary Adaptive Boost technology will get you going within 15 minutes.

PORTABLE CHARGING WHEREVER YOU GO

Just charge up CS FREE's internal battery and keep it with you wherever you go, and it'll stay fully charged for up to a year.

CS FREE features our revolutionary Adaptive Boost technology to quickly get you going from a flat battery. CS FREE automatically analyses the state of your battery and adjusts to the battery's voltage level. It then works out the safest and quickest way to give your battery the power it needs to start your vehicle within 15 minutes.

CS FREE works anywhere and can even be powered by solar or a 12V battery for longer term maintenance charging.

- Portable charging and maintaining you can take anywhere without being tied to a power outlet
- Internal battery lasts up to a year when fully charged
- Adaptive Boost, to safely get you going from a flat battery within 15 minutes
- Can be charged up and powered by solar or 12V battery for longer term maintenance charging
- No modes to select – just turn it on, connect and the CS FREE will do the rest
- Countdown function shows you how long there is left before your battery is fully charged
- USB-C and USB-A outputs for charging tech like laptops, smartphones and tablets
- New ergonomic design with a tough and durable case
- 2 year 'peace of mind' warranty

CTEK | MAXIMIZING
BATTERY
PERFORMANCE

CS FREE



TECHNICAL DATA

| | |
|-------------------------------|--|
| INPUT | USB-C, 5 VDC – 25 VDC, 3 ADC/60 W max |
| OUTPUT | 12 V, 20 A/240 W max |
| START VOLTAGE | 3.0 V |
| AMBIENT OPERATING TEMPERATURE | -20 °C to +50 °C (- 4 °F to +122 °F) |
| AMBIENT STORAGE TEMPERATURE | -20 °C to +45 °C (- 4 °F to +113 °F) |
| BATTERY CHEMISTRY | Lead acid, Lithium |
| BATTERY TYPES | 12 V: WET, MF, Ca/Ca, AGM, EFB, GEL, LiFePO ₄ |
| BATTERY CAPACITY | 10-130 Ah |
| DEGREE OF PROTECTION | IP54 |
| WARRANTY | 2 years |
| NET WEIGHT (UNIT WITH CABLES) | 1.4 kg |
| DIMENSIONS (L x W x H) | 248 x 98 x 78 mm |
| USB-A OUTPUT | 5 VDC, 2.4 ADC/12 W max |
| USB-C OUTPUT | 5 VDC, 9 VDC, 12 VDC, 15 VDC, 20 VDC, 3 ADC/60 W max |

MAINS ADAPTER

| | |
|--------------|--|
| INPUT | 100 VAC – 240 VAC, 50 Hz – 60 Hz, 60 W max |
| OUTPUT | USB-C, 5 VDC – 20 VDC, 3 ADC, 60 W max |
| CABLE LENGTH | 1 m |
| CABLE TYPE | USB-C |

INTERNAL BATTERY

| | |
|-----------------------|--------------------------------------|
| CAPACITY | 66 Wh |
| CELL CHEMISTRY | Polymer Lithium-Ion |
| CELL TYPE | Pouch Cell |
| DISCHARGE TEMPERATURE | -20 °C to +50 °C (- 4 °F to +122 °F) |
| CHARGE TEMPERATURE | 0 °C to +45 °C (32 °F to 113 °F) |
| SHELF LIFE | 1 year |
| LIFE SPAN | 300 cycles, 80% |

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 70 countries throughout the world. CTEK is also a reliable OEM supplier to many of the world's most prestigious car and motorcycle manufacturers.

For more information visit WWW.CTEK.COM

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