


CTEK CS ONE (GEN 2)

# THE SMARTEST CS ONE YET – NOW WITH WI-FI

The CTEK CS ONE (Gen 2) takes all the thinking out of battery charging. CTEK's APTO™ adaptive technology checks your battery's type, size and condition, then builds a charging programme to suit it. There are no buttons to press and no modes to choose: connect it to any 12V battery, including lithium, and let it get on with it.

The black clamps are polarity free, so it doesn't matter which one goes on which terminal. Gen 2 connects to the CTEK App over **Wi-Fi as well as Bluetooth®**, so you can check on your battery from anywhere and unlock RECOND, WAKE UP and SUPPLY, plus detailed charging insights.

Built for enthusiasts and owners who want the best for their vehicles, and simple enough for anyone to use.

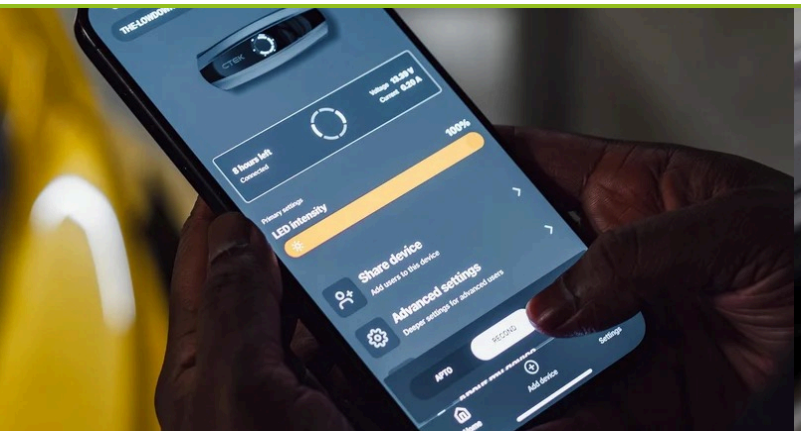
Part no. **40-702** · EAN **7340103407027**

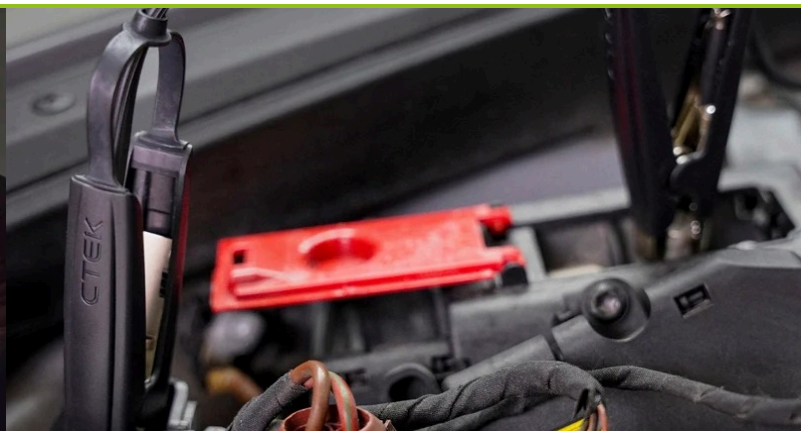
### WHAT'S NEW IN GEN 2?

- Wi-Fi connectivity for remote monitoring
- Charging history you can view and export
- Detailed event log and push notifications
- Live charge status and each charging phase in the app

- **Adaptive charging:** APTO™ technology adjusts to any 12V battery, including lithium ($LiFePO_4$)*
- **Polarity free:** clamps can safely go on either charging point
- **Connect and forget:** safe to leave connected for long periods of maintenance charging
- **Wi-Fi and Bluetooth®:** app control for extra features and insights
- **Longer battery life:** regular charging can extend it by up to 3 times
- **WAKE UP:** for lithium batteries with under-voltage protection or deeply discharged lead-acid batteries
- **RECOND:** restores and reconditions lead-acid batteries
- **SUPPLY:** supports the battery during service work and keeps power to the vehicle while the battery is changed
- **Monitoring:** charge sessions, charging history and activity log
- **Reminders:** custom charging reminders and automatic alerts for errors and updates
- **Temperature compensation:** adjusts automatically for extreme weather
- **5 year warranty**

*) 12V lithium batteries ($LiFePO_4$, Li-Fe, Li-iron, LFP)




## TECHNICAL DATA

| | |
|---|---|
| INPUT | 220–240 VAC, 50–60 Hz, 1.2 A |
| OUTPUT | 12 V, 8.0 A |
| BATTERY TYPES | 12 V: WET, MF, Ca/Ca, AGM, EFB, GEL, $LiFePO_4$ |
| BATTERY CAPACITY | 3–180 Ah |
| START VOLTAGE | 1.8 V lead-acid battery types. 1.8 V $LiFePO_4$ |
| BACK CURRENT DRAIN* | Less than 1.5 Ah/month |
| RIPPLE** | Less than 4 % |
| POWER SOURCE | 230 V to 12 V |
| BATTERY VOLTAGE | 12 V |
| AMBIENT OPERATING TEMPERATURE | -30 °C to +50 °C |
| TEMPERATURE COMPENSATION | Built-in charge voltage compensation according to ambient temperature |
| USER INTERFACE | LED symbols, smartphone display (optional) |
| CONNECTIVITY | Wi-Fi (2.4 GHz), Bluetooth® LE 5.1, IEEE 802.11 b/g/n |
| APP SUPPORT | CTEK App for Android and iOS |
| BATTERY CHEMISTRY | Lead-acid, lithium-ion |
| DEGREE OF PROTECTION | IP65 |
| COOLING | Natural convection |
| DIMENSIONS (L X W X H) | 235 × 88 × 52 mm |
| MAINS CABLE LENGTH (INPUT) | 1.4 m |
| NET WEIGHT (UNIT WITH CABLES) | 0.675 kg |
| WARRANTY | 5 years |

*) Back current drain is the current the charger draws from the battery when it isn't connected to the mains. CTEK chargers have a very low back current.

**) Ripple matters: high current ripple heats the battery and ages it, and high voltage ripple can harm other equipment connected to the battery. CTEK chargers deliver clean voltage and current with low ripple.

## IN THE BOX

- CS ONE (Gen 2) charger
- Charge clamps
- User manual
- Safety sheet

## GOOD TO KNOW

Optional CTEK accessories, such as the CS CONNECT adapter cable, CS ONE BUMPER and indicator eyelets, are sold separately.

The CTEK App is free to download for Android and iOS.

**Need advice?**
Our team is happy to help you choose the right charger for your battery.
**+44 (0) 1926 400080**
gobatteries.co.uk

Specifications from CTEK for the CS ONE (Gen 2) UK, part 40-702, and may change without notice.