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CS ONE (GEN 2) NA



POWERFUL SIMPLICITY, ELITE PERFORMANCE

The CS ONE sets a new standard in battery charging – delivering elite performance yet powerful simplicity for those who demand the very best. Through its revolutionary polarity-free APTO™ technology, the CS ONE does all the thinking for you, automatically adapting its charge to what your battery needs. The Wi-Fi and Bluetooth-connected CTEK app unlocks advanced features and functionality, giving you full control of battery care when you want it.

ADAPTIVE BATTERY CHARGER AND MAINTAINER

The CS ONE has been created for serious enthusiasts and vehicle owners who demand the very best from an intelligent battery charger. From the revolutionary APTO™ technology to the black polarity-free clamps, the CS ONE offers unparalleled ease of use and functionality, automatically recognising the battery type, size and health, to deliver a customised charging program for your specific battery. The Gen 2 version of the CS ONE offers Wi-Fi and Bluetooth connectivity to the CTEK App, unlocking additional features such as RECOND, WAKE UP and SUPPLY, as well as advanced charging insights. Remove the guesswork, eliminate frustration. The CS ONE is the ultimate charging solution for those who settle for nothing less than perfection.

WHAT'S NEW IN GEN 2?

The CS ONE Gen 2 introduces several enhancements, compared to Gen 1, with Wi-Fi connectivity leading the charge. Now, remotely monitor charging sessions, view and export charging history, access comprehensive event logs, receive push notifications, track real-time state of charge and follow individual charging phases – all from the new and improved CTEK App.

- Adaptive charging: APTO™ technology automatically adapts charging to any 12V battery, including lithium*
- Polarity free: The clamps can be safely connected to either charging point when charging
- Connect & forget: Can be left safely connected for long periods during maintenance charging
- Seamless connectivity: Wi-Fi and Bluetooth-enabled app for additional features and insights
- Improve battery life: Extend battery lifetime by up to 3 times through regular charging
- WAKE UP lithium batteries with under voltage protection or deeply discharged lead-acid batteries
- RECOND program to restore and recondition lead-acid batteries
- SUPPLY program to support the battery during service work and retain contact power to the vehicle during battery replacement/removal
- Charge session monitoring, detailed charging history and activity log
- Custom charging reminders and automatic notifications on errors and updates
- Automatic temperature compensation for extreme weather
- 5-year warranty

*) 12V lithium batteries (LiFePO₄, Li-Fe, Li-iron, LFP)

CTEK

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TECHNICAL DATA

INPUT	110-120 VAC, 60 Hz, 1.8 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	120 V -> 12 V
BATTERY VOLTAGE	12 V
AMBIENT OPERATING TEMPERATURE	-22 °F to +122 °F (-30 °C to +50 °C)
TEMPERATURE COMPENSATION	Built in charge voltage compensation according to ambient temperature.
USER INTERFACE	LED symbols, Smartphone display (free of choice)
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)	9, 25 x 3, 46 x 2, 05 in
MAINS CABLE LENGTH (INPUT)	6, 23 ft
NET WEIGHT (UNIT WITH CABLES)	1, 488 lbs
WARRANTY	5 years

*) Back current drain is the current that drains the battery if the charger is not connected to the power outlet. CTEK chargers have a very low back current.

**) The quality of the charging voltage and charging current is very important. A high current ripple heats up the battery which has an aging effect on the positive electrode. High voltage ripple could harm other equipment that is connected to the battery. CTEK battery chargers produce very clean voltage and current with low ripple.

GUARANTEED QUALITY WITH CTEK

CTEK customer support is available to answer any questions related to charging and CTEK chargers. Safety, simplicity and flexibility characterize all products and solutions developed and sold by CTEK. CTEK supplies 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