

PRODUCT GUIDE

BATTERY CHARGERS AND ACCESSORIES







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EASY CHARGING

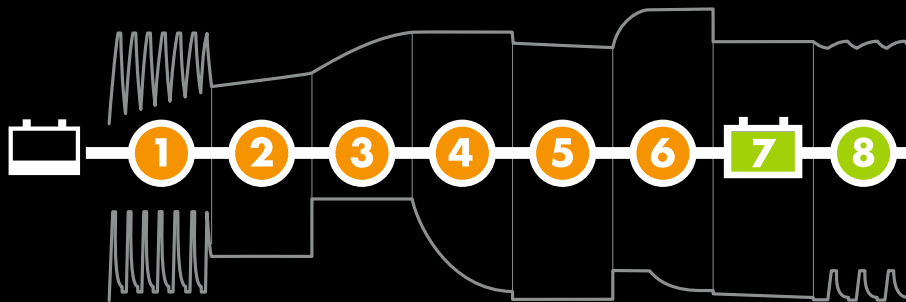
STEP BY STEP

CTEK Chargers maximize the life of your battery through application of a series of 4 to 8 patented charging and maintenance stages using unique microprocessor controlled charging processes.

When required, they will automatically take appropriate action based on your batteries needs: reviving, charging, conditioning, desulphating, and maintaining your battery. CTEK chargers will constantly monitor the condition of your battery and act as needed to keep it at peak capacity. CTEK Chargers regulate the charge voltage to protect sensitive and expensive vehicle electronics. Certain CTEK chargers have a special reconditioning or RECOND mode that helps to revive batteries that have been sitting

unattended for long periods and are deeply discharged. Others even have a power supply mode, so you can change out your vehicle's batteries without losing any computer program settings and/or to provide clean and constant power in support of any professional shop flash reprogramming service needs.

Once the charger is connected, you can forget about how long the battery needs to be charged or whether it is sulphated or not. Our chargers take care of everything automatically so that you can enjoy the work or pleasure that your battery was destined to provide. We call it "Connect and Forget".



1 STEP 1 **DESULPHATION**

Pulsating voltage removes sulphates that may have accumulated on the battery plates and restores battery capacity.

2 STEP 2 **SOFT START**

Tests to see if the battery can accept a charge. Charging then begins if the battery is OK.

3 STEP 3 **BULK CHARGE**

Charges at maximum current and brings the battery up to approximately 80% of its capacity

4 STEP 4 **ABSORPTION**

Charges at declining current until the battery has reached 100% of its capacity

5 STEP 5 **ANALYZE**

Tests if the battery is holding its charge. Batteries that cannot hold charge may need replacement.

6 STEP 6 **RECOND**

When selected, this step provides a reconditioning function for deeply discharged batteries.

7 STEP 7 **FLOAT (maintenance),**

Here the battery is fully charged. This step maintains the battery voltage at peak capacity by providing a constant voltage charge.

8 STEP 8 **PULSE, Maintenance charging**

Here the battery is maintained at 95-100% capacity. The charger monitors the battery voltage and gives a pulse when necessary, to keep the battery fully charged.

CONSUMER

Modern cars are full of electronics, and demands on vehicle batteries are increasing all the time. One day your battery won't be able to power the electronics, and your vehicle may not start. By using a CTEK charger you won't have to worry what adventures await!



CS FREE

PART NO. 40-462

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 dead, CS FREE's revolutionary Adaptive Boost technology will get you going within 15 minutes.

FEATURES

- WORKS WITH ALL TYPES OF 12V LEAD ACID AND LITHIUM BATTERIES.
- SUITABLE FOR USE ON MOTORBIKES, CARS, LEISURE VEHICLES AND VANS.
- CAN BE LEFT SAFELY CONNECTED FOR MAINTENANCE CHARGING.
- CAN BE CHARGED AND USED WITH 12V ACCESSORY SOCKET, 12V SERVICE BATTERY OR SOLAR PANEL.
- EASY TO USE, EASY TO OPERATE, EASY TO UNDERSTAND.
- EASY TO CARRY AROUND OR WALL MOUNT USING THE OPTIONAL CS WALL MOUNT.
- COMPATIBLE WITH NEW CTEK CS FREE ACCESSORIES.
- PROTECTS YOUR BATTERY, SAFE AND EASY TO USE AND FULLY AUTOMATIC.



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)	3 lb
DIMENSIONS (L x W x H)	9.8 x 3.9 x 3.0 inches
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	3.3 ft
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%



USB-C CHARGE CABLE CLAMPS

The USB-C CHARGE CABLE CLAMPS have been designed in Sweden to power your CS FREE quickly, safely and easily from a 12V service battery. The clamps let you charge and maintain your vehicle battery wherever you are and without having to connect to a power outlet.

Part no. 40-465



USB-C CHARGE CABLE 12V PLUG

The USB-C CHARGE CABLE 12V PLUG makes it safe and easy to charge your CS FREE's internal battery while you're on the move, or when your vehicle is parked. Simply plug it into your vehicle's 12V cigarette lighter or accessory socket* and connect the USB-C plug to the CS FREE's charge input port.

** Please note that the socket must be powered even when the ignition is in the 'OFF' position.*

Part no. 40-464



CS WALL MOUNT

The CS WALL MOUNT features CTEK's unique mounting system to hold your CS charger securely. Designed and tested in Sweden, this hard wearing accessory can be permanently wall mounted or temporarily hung on a hook. The CS WALL MOUNT gives you easy access to all your CS charger's functions and has a practical clamp mount to keep your charger cables stored neatly.

Part no. 40-375



STORAGE CASE

The STORAGE CASE is tough, durable and lightweight to protect your CS FREE and keep it safe from the elements - wherever you take it. Designed and tested in Sweden, the STORAGE CASE is made from heavy duty 600D water repellent nylon with a protective padded interior and a practical carrying handle.

Part no. 40-517



SOLAR PANEL CHARGE KIT

The SOLAR PANEL CHARGE KIT pairs perfectly with the CS FREE. It delivers fast, reliable solar power so you can recharge or even independently power your CS FREE wherever you take it. Made from super tough fibreglass, you simply unfold it and connect it to your CS FREE in seconds, giving you the ultimate freedom from mains power. Charge and maintain your vehicle battery or charge up portable tech like smart phones, pads and laptops, even when you're nowhere near a power outlet.

- Ultimate freedom from mains power outlets.
- Recharges your CS FREE in just one hour.
- Tough, waterproof and weather resistant.
- Lightweight and portable.
- Carry case with adjustable kickstand for flexible 180° positioning.
- Ideal for the great outdoors.

Part no. 40-463



Make sure you're ready for action every time with the easy to use CT5 POWERSPORT battery charger. With dedicated programs for lead-acid and lithium-Ion (LiFePO₄) batteries, you can get the best performance out of your powersport vehicle batteries whether you're on land, water, snow or ice.

- Charges lead-acid and lithium batteries.
- 2.3A of power, just right for charging powersport vehicle batteries.
- Maintenance charging for seasonal powersport vehicles stored for long periods of time.
- Non-sparking, reverse-polarity protected.



TECHNICAL DATA

Voltage	14.4/15.8/14.2 V
Charging current	Max 2.3A
Charger type	Multi Step fully automatic charging cycle
Battery type	All types of 12V lead-acid batteries (WET, MF, Ca/Ca, AGM and GEL) 12V (4 cells) Lithium batteries (LiFePO ₄ , LiFe, Li-iron, LFP)
Battery capacity	5-25Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



CT5 TIME TO GO puts you in the picture by giving an answer to the questions "when can I try and start my vehicle after a battery has died" and "how long before my battery is charged?" CTEK can now give all vehicle-owning consumers exactly what they want - the ability to plan their day.

- For all types of lead-acid 12V batteries (WET, EFB, MF, Ca/Ca, AGM, GEL).
- Tells you how long before the battery is charged and ready to go.
- Indicator to tell you when you can try to start your vehicle after a dead battery.
- Fully automatic charging with max 4.3A.
- Tests and restores battery capacity.
- Non-sparking, reverse polarity protected.



TECHNICAL DATA

Voltage	14.4/14.7/15.8 V
Charging current	Max 4.3A
Charger type	Multi Step fully automatic charging cycle
Battery type	All 12V lead-acid batteries
Battery capacity	20-160Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



①

MODE CHECK CHARGE CARE

①

NORMAL RECOND LITHIUM

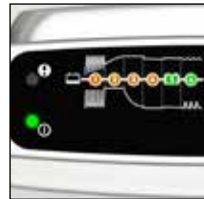
CTEK POWERSPORT

The US 0.8 offers state of the art technology and is perfect for charging smaller 12V batteries that can be found in scooters, motorcycles, jet skis, snowmobiles, ATV's and lawnmowers. It is also suitable for maintenance charging 'normal size' car batteries. The unique display allows the user to follow the entire charging process. The US 0.8 is designed to protect vehicle electronics. It is non-sparking, reverse polarity protected and short-circuit proof.

- Charges batteries up to 32Ah. Maintains larger batteries up to 100Ah.
- Fully automatic, 6 step charging process includes patented desulphation and pulse maintenance programs.
- Compact tough design - splash resistant and dustproof to IP65 standards.

TECHNICAL DATA

Voltage	14.4V
Charging current	Max 0.8A
Charger type	6 step, fully automatic charging cycle
Battery type	12V lead-acid batteries
Battery capacity	1.2-32Ah, maintenance charging up to 100Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 Year Limited Warranty



The MXS 5.0 offers a unique eight step approach to battery care. Fully automatic microprocessor controlled charger with built-in automatic temperature sensor features a unique combination of advanced charging modes and makes the new MXS 5.0 the fastest, most effective and versatile consumer charger CTEK has ever made. The MXS 5.0 features capabilities for improved charging in all weather. It is the perfect charger for the user with multiple vehicle types and higher demand battery charging and maintenance requirements. Provides an outstanding charging experience!

- Charges batteries up to 110 Ah. Maintains larger batteries up to 160 Ah.
- Unique Reconditioning mode.
- Built-in temperature sensing capabilities
- AGM and new EFB (Enhanced Flooded Battery) battery charging capability
- 8 step charging program

TECHNICAL DATA

Voltage	14.4/14.7/15.8 V
Charging current	Max 4.3 A
Charger type	8 step, fully automatic charging cycle.
Battery type	12 V lead-acid batteries
Battery capacity	1.2-110 Ah, maintenance charging up to 160 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



MUS 4.3 TEST&CHARGE



PART NO. 56-959

The MUS 4.3 TEST&CHARGE combines an advanced microprocessor controlled battery charger with a battery and alternator test function to provide the ultimate in battery testing, charging and maintenance.

TESTING – Three easy to use programs to test battery voltage, starting power and alternator performance to provide a complete picture of battery and vehicle charging system health.

CHARGING – MUS 4.3 TEST&CHARGE provides excellent charging performance. The charger solves a broad range of battery problems and features include a patented automatic desulphation program and a special reconditioning function that revives and restores deeply discharged and stratified batteries. The patented Float/Pulse maintenance makes the charger ideal for long-term maintenance.

TECHNICAL DATA

Voltage	14.4/14.7/15.8V
Charging current Max	4.3A
Charger type	8 step, fully automatic charging cycle 3 voltage test programs
Battery type	12V lead-acid batteries
Battery capacity	1.2-110Ah, maintenance charging up to 160Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 Year Limited Warranty



MUS 4.3 POLAR



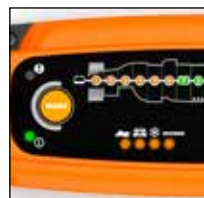
PART NO. 56-958

The MUS 4.3 POLAR has been specially developed to offer excellent all around charging but with the addition of special cold weather performance. MUS 4.3 POLAR offers specially adapted cables that handle severe cold down to -22°F (-30°C). The MUS 4.3 POLAR is an advanced microprocessor controlled battery charger providing unrivalled performance on lead-acid batteries. The 'Snowflake' option ensures ideal charging performance even in the most extreme cold conditions. Patented Float/Pulse maintenance makes the MUS 4.3 POLAR ideal for long-term maintenance.

- 8 step, fully automatic charging and maintenance process maximizes battery life and performance.
- Compact tough design – splash resistant and dustproof to IP65.
- Patented maintenance charge capabilities.
- Patented desulphation process that extends battery life.
- No sparks, short-circuit proof and reverse-polarity protected for extended trouble-free use.

TECHNICAL DATA

Voltage	14.4/15.0/15.8V
Charging current Max	4.3A
Charger type	8 step, fully automatic charging cycle
Battery type	12V lead-acid batteries
Battery capacity	1.2-110Ah, maintenance charging up to 160Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 Year Limited Warranty



The LITHIUM US is an advanced microprocessor controlled charger specially designed to charge and maintain the cells of Lithium-Iron (LiFePO₄) batteries – maximizing their performance and lifespan. With up to 4.3A of charge current available the LITHIUM US is extremely flexible and will charge LiFePO₄ batteries from 5Ah to 60Ah. Operation is simple and charging will commence upon connection. No need to disconnect the battery from the vehicle. As the charger commences charging it will automatically connect with the battery’s internal BMS (Battery Management System) and gain access to the battery cells for safe and proper charging.

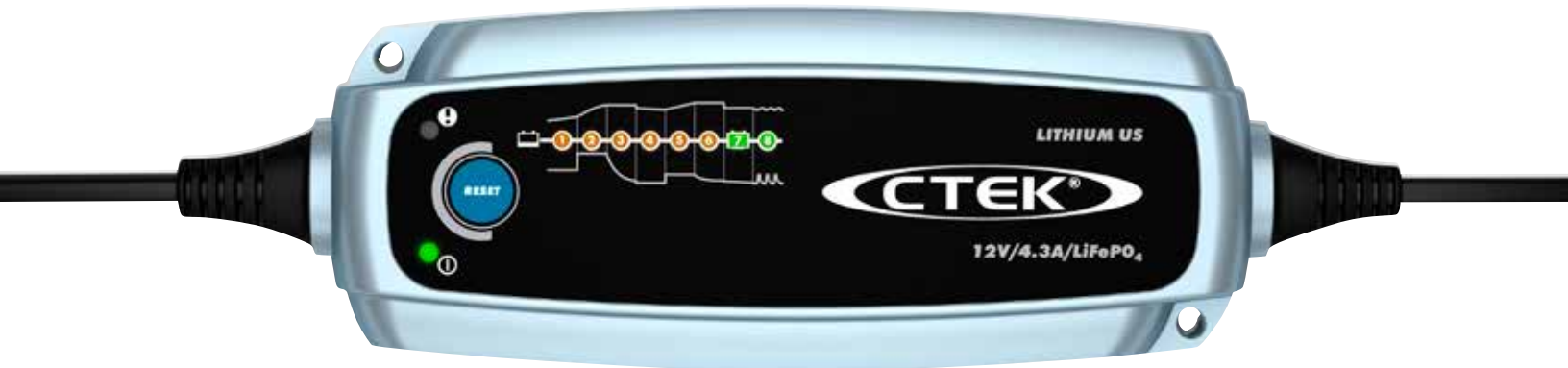
Charging can be restarted manually at any time using the ‘Reset’ button.

- Safe and easy to use.
- Designed specifically for LiFePO₄ (Lithium Iron) batteries.
- Low voltage reset function.
- Checks battery condition at each stage.
- Special lithium battery functionality ensures maximum battery capacity.
- Has BCM (Battery Control Module) Reset Function.



TECHNICAL DATA

Voltage	13.8/14.4V
Charging current Max	4.3A
Charger type	8 step, fully automatic Lithium battery charging cycle
Battery type	12V Lithium Iron (LiFePO ₄)
Battery capacity	5–60Ah, maintenance charging up to 120Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 Year Limited Warranty



1 STEP 1 ACCEPT

Tests if the battery can accept charge. This step prevents charging from proceeding on a worn out or defective battery.

2 STEP 2 BULK

Charging with maximum current until approximately 90% battery capacity.

3 STEP 3 ABSORPTION

Charging with declining current to maximize up to 95% battery capacity.

4 STEP 4 ANALYZE

Tests whether the battery can retain a charge. Batteries that cannot retain a charge may require replacement.

5 STEP 5 COMPLETION

Final charge with reduced current up to approximately 98% battery capacity.

6 STEP 6 MAXIMIZATION

Final charge with maximum voltage up to 100% battery capacity.

7 STEP 7 FLOAT

Keeps battery voltage at maximum level by charging at a constant voltage.

8 STEP 8 PULSE

Maintaining the battery at 95–100% capacity. The charger monitors the battery voltage and gives a pulse when necessary to keep the battery fully charged.



The MUS 7002 is the perfect “all around” 12V charger. Due to its power and robust features, it is a great charger for the high demand consumer or for the commercial or professional shop environment. The MUS 7002 also has a Supply Mode which supplies clean and constant power, allowing the battery to be disconnected from the vehicle without losing important electronic data stored in computer memory or for providing a constant power source for times when you may need power while providing certain vehicle services or component testing while the engine is not running.

- Charges a broad range of batteries from 14Ah up to 150Ah. Maintains larger batteries up to 225Ah.
- Provides a Battery Diagnosis feature
- Supply program – can be used as a 12V power source for light service needs and to protect electrical settings when a battery needs to be changed out.
- Cold weather program, for charging in cold conditions and for AGM batteries.
- RECOND program – special charge program can be added to charging process to revive deeply discharged and potentially stratified wet batteries.
- Splash resistant and dust-proof to IP65 standards.



TECHNICAL DATA

Voltage	14.4/14.7/15.8/13.6V
Charging current Max	7A
Charger type	8 step, fully automatic charging cycle
Battery type	12V lead-acid batteries
Battery capacity	14-150Ah, maintenance charging up to 225Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 Year Limited Warranty
Certifications	Meets ignition protection test requirements of the US Coast Guard stated in Title CFR 183.410



PRO

Battery support during service, diagnostics and flashing requires a safe and stable power supply. The various battery types found in today's vehicles all require safe and effective charging - and sometimes recovery and reconditioning. CTEK Pro Series chargers offer safe, simple to use and effective solutions for all workshop battery support and charging needs.



The PRO25S is an innovative, versatile and highly efficient 25 A battery charger and power supply, designed around the needs of the automotive professional. Combining power & advanced technology with safety, portability and flexibility to work with any 12 V vehicle battery including Lithium-Ion (LiFePO₄), the PRO25S is the perfect solution to professional battery charging, in the workshop or the showroom.

- Charges and maintains batteries from 40 Ah up to 500 Ah (30-450 Ah for lithium).
- Recond program.
- Power supply for 12 V equipment.
- Automatic temperature compensation for high efficiency.
- IP44 classified for outdoor use.

TECHNICAL DATA

Voltage	LEAD-ACID: 14.4/15.8/13.6 V, LITHIUM: 13.8/14.4/13.3 V
Charging current	Max 25 A
Charger type	8 step, fully automatic charging cycle
Battery type	12 V lead-acid batteries 12 V lithium (LiFePO ₄) batteries
Battery capacity	LEAD-ACID: 40-500 Ah, LITHIUM: 30-450 Ah
Insulation	IP44 (outdoor use)
Warranty	2 year warranty



The PRO25SE is an innovative, versatile and highly efficient 25A battery charger and power supply. Supplied with 19.7 ft. charging cables, you can install the unit on ramp-posts or in work bays. Combining power & advanced technology with safety and compatibility to work with any 12V vehicle battery, including Lithium-Ion (LiFePO₄), it's the perfect solution for battery charging in the professional workshop.

- Safe and easy to use.
- Tests and reconditions deeply discharged batteries.
- Battery support function.
- Supplied with 19.7 ft. cables, wall hanger and bracket.

TECHNICAL DATA

Voltage	LEAD-ACID: 14.4/15.8/13.6 V, LITHIUM: 13.8/14.4/13.3 V
Charging current	Max 25 A
Charger type	8 step, fully automatic charging cycle
Battery type	12 V lead-acid batteries 12 V lithium (LiFePO ₄) batteries
Battery capacity	LEAD-ACID: 40-500 Ah, LITHIUM: 30-450 Ah
Insulation	IP44 (outdoor use)
Warranty	2 year warranty



BATTERY ANALYZER

PART NO. 56-925

The CTEK BATTERY ANALYZER tests standard Wet, Maintenance Free, Ca/Ca lead acid battery condition with a high level of accuracy. Easy to use. FAST, SAFE and SIMPLE, it provides easy to understand results. Operating voltage range is 8-15V with a test range of 200-1200 CCA's (SAE). Simply connect the clamps to the battery and follow the step by step instructions on the display. The easy to read display gives clear information on the condition of your 12V lead-acid battery and advises what action is required. With no need to disconnect the battery from the vehicle, the patented technology is safe for the user and vehicle electronics. It is reverse polarity protected, creates no battery loads, heat or sparks.

EASY TO USE — simply attach to battery (no need to disconnect battery from vehicle) and follow the on screen instructions.

FAST, ACCURATE RESULTS — tests the battery in seconds providing an instant on screen result which advises what action should be taken.

SAFE - NO HEAT OR SPARKS — patented technology provides fast, accurate results without placing load on the battery and generates no potentially dangerous heat or sparks.

FOR 12V LEAD-ACID BATTERIES — perform an accurate test on standard Wet, Maintenance Free, Ca/Ca, Starting and Deep Cycle lead acid battery types.

TECHNICAL DATA

Type of analyzer	Conductance
Type of battery analyzed	12V lead-acid starter batteries
Testing voltage	Min. 8V, Max. 15V
Resolution (V)	0.1V
Accuracy (V)	± 0.1V
Test Range	200-1 200 CCA (SAE)
Resolution	25 CCA (SAE)
Accuracy	± 25 CCA (SAE)
Warranty	2 Year Limited Warranty



PRO BATTERY TESTER

PART NO. 40-209

The CTEK PRO Battery Tester gives you quick, simple and accurate battery tests in seconds. It has an integrated printer so you can hand your customer a printout of the results and talk to them immediately about preventative maintenance for their battery or electrical system.

- Multiple rating system compatible (CCA, DIN, EN, IEC, SAE)
- Tests multiple battery chemistries: standard/flooded, AGM and GEL
- Tests 12V batteries and electrical systems for cars and light trucks
- Tests starting and charging system voltage
- Integrated printer

TECHNICAL DATA

Display	LCD text display
Temperature compensated	Tester prompted
Operating temperature	32-120°F (0-50°C)
Test range	100-900 CCA 100-550 DIN 100-900 EN 100-550 IEC 100-900 SAE
Built-in printer	Powered by battery under test
Voltage range	Tests 12V batteries down to 1V
Cable length	21 inches (533.4 mm)
Power requirements	Uses power of battery under test or 9V battery
Voltmeter	0.9-16 Vdc, +/- 0.05 Vdc
Housing material	Acid resistant ABS plastic
Dimensions	9 x 4 x 2.5 inches (230 x 102 x 65mm)
Weight	1.1 Lbs (499 Grams)



INTEGRATED SOLUTIONS

Effective Battery Management has become more important than ever. The demand for integrated (on-board) battery power and charging solutions to meet and exceed the ever-increasing needs for more power, space saving and significant extension of battery performance and life have become a necessity.

Whether it's a fixed on-board installation or a portable "connect and forget" charging or maintenance option, there is a CTEK battery charging solution for you. Our range of 12V chargers will deliver a complete battery care solution and maximize battery performance and extend battery life.



D250SE

PART NO. 40-315

The D250SE is a fully automatic, 5 step charger that supplies up to 20A of power to any 12V lead-acid or lithium service battery from 40–300Ah. It has selectable charge algorithms for AGM and lithium batteries and can use power through its dual input from alternator, solar panel and wind power. When the service battery is fully charged, the D250SE will automatically redirect maintenance charge power to the starter battery. The D250SE can maintain a stable output up to 20A to vehicles fitted with smart ECU controlled alternators and also has a temperature sensor for optimised charging, regardless of weather conditions.

FEATURES

- 20A FULLY AUTOMATIC TEMPERATURE COMPENSATED CHARGING FOR BATTERIES FROM 40-300AH WHILE YOU'RE ON THE MOVE
- DUAL INPUT (SOLAR AND ALTERNATOR IN PARALLEL)
- SMART ALTERNATOR COMPATIBLE
- BATTERY SEPARATION REPLACING DIODES AND VSR RELAYS
- SOLAR PANEL REGULATOR WITH MAXIMUM POWER POINT TRACKING (MPPT)
- SELECTABLE LITHIUM AND LEAD-ACID MODE

TECHNICAL DATA

Input	11.5–23V, 25A
Output	14.4/14.7/14.2V, 20A
Back current drain	Less than 1Ah/month
Ambient temperature	-20°C to +50°C (-4°F to +122°F)
Battery types	12V: WET,MF, Ca/Ca, AGM, EFB, GEL, LiFePO ₄
Battery capacity	40–300Ah
Dimensions	7.6 x 4.3 x 2.6 inches (L x W x H)
Insulation class	IP65 (splash and dust proof)



SMARTPASS 120S

PART NO. 40-289

Smartpass 120S is a 120A Power Management Solution which distributes, controls and maximises the available energy from your alternator to power service batteries and consumers. SMARTPASS 120S handles all 12V batteries between 28–800Ah. The Smartpass 120Ss Battery Guard function ensures that critical equipment such as radio, emergency lights and navigation systems always have power and take priority when the voltage on the service battery is low disconnecting non-critical consumers. The unit's Battery Guard will protect your service battery from total discharge and built in over temperature protection reduces charge current before the battery temperature gets too high. SMARTPASS 120S is compatible with the D250SA and D250SE 20A on board chargers.

FEATURES

- BATTERY SEPARATION ELIMINATES DIODES AND VSR RELAYS
- DELIVERS 120A FOR QUICK RECHARGE OF BATTERIES 28-500AH
- COMPATIBLE WITH D250SA AND D250SE FOR THE ULTIMATE 140A POWER MANAGEMENT SOLUTION.
- PRIORITIZING CRITICAL CONSUMERS AND SUPPLIES CONSUMERS DIRECTLY FROM THE ALTERNATOR
- EMERGENCY PRIMARY BATTERY START ASSISTANCE FUNCTION

TECHNICAL DATA

Input	11.5–23V, Max 120A (350A temporarily for 10 seconds)
Output	Max. 14.4V, 120A (350A temporarily for 10 seconds)
Back current drain	Less than 7Ah/month
Ambient temperature	-20°C to +50°C (-4°F to +122°F)
Battery types	12V: WET,MF, Ca/Ca, AGM, EFB, GEL, LiFePO ₄
Battery capacity	28–800Ah
Dimensions	7.6 x 4.3 x 2.6 inches (L x W x H)
Insulation class	IP65 (splash and dust proof)

ACCESSORIES

All CTEK products are designed and developed to be as simple as possible to use. Our accessories are designed to work with CTEK Chargers to promote safety, simplicity, enhanced usability and add complementary functionality to our battery charging and maintenance products. All CTEK chargers with output up to 7A are supplied with quick connector, COMFORT CONNECT. There are several smart accessories for our quick connector, COMFORT CONNECT, to make battery care even easier. Connect with our smart accessories!

COMFORT CONNECT



COMFORT CONNECT - Eyelet

Comfort Connect-Eyelet is a handy accessory designed for permanent installation with a direct connection to the battery. It enables you to charge batteries that are in hard to reach places or where using clamps is inconvenient or impossible.

Comfort Connect-Eyelet is splash proof and dust proof. Comes packaged with all CTEK chargers up to 7A and is available in eyelet 3 size versions M6, M8 and M10. 15.7 inch cable length.

Part no. 56-260 Eyelet M6 Practical for all power sports battery applications.

Part no. 56-261 Eyelet M8 Practical for all automotive battery applications.

Part no. 56-329 Eyelet M10 Practical for all automotive and commercial or marine battery applications.



COMFORT CONNECT - Cig Plug (12V)

Comfort Connect - Cig Plug is an easy to fit adapter that allows charging from a CTEK charger through a 12V cigarette lighter or accessory socket. 15.7 inch cable length. Compatible with all CTEK chargers up to 7A.

Note: the cig plug/accessory socket must be "live" in the key off position to facilitate charging

Part no. 56-263



COMFORT CONNECT - Cig Socket (12V)

Comfort Connect - Cig Socket is a useful accessory that increases the usage of the CTEK Comfort Connect battery connector. When the COMFORT CONNECT - Cig Socket has been connected, it allows you to provide power to and/or charge your GPS, mobile phones, heated clothing, etc. 3 ft. cable length.

Part no. 56-573



COMFORT CONNECT - 8.2 ft Extension Cable

Comfort Connect - Extension Cable is a handy extension cable that allows any CTEK charger output lead to be extended by an additional 8.2 ft. for extended ease of use with all CTEK accessories such as clamps or quick connectors (Comfort Connect). Handy when vehicle or battery is further away from the AC outlet than fitted output cable allows. 8.2 Ft cable length.

Part no. 56-304



COMFORT INDICATOR



COMFORT INDICATOR - Eyelet

Comfort Indicator - Eyelet designed for permanent installation with a direct connection to the battery. For use with CTEK chargers, it enables you to charge batteries that are in hard to reach places or where using clamps is inconvenient or impossible. Should charging be required, plug in your CTEK charger and charge the battery. Extended cable length 19.6 inches. Part no. 56-629 Eyelet M6 - Practical for all PowerSports battery applications. Part no. 56-382 Eyelet M8 - Practical for all automotive battery applications.

Part no. 56-384



COMFORT INDICATOR - Cig Plug (12V)

Comfort Indicator-Cig Plug is a combined quick connector and battery voltage indicator. Perfect for checking battery status and charging the battery through the vehicle 12V accessory socket. Suitable for all 12V CTEK chargers up to 7A. Comfort Indicator - Cig Plug is a universal model that fits both 12mm and 21mm sockets.

Note: the cig plug / accessory socket must be "live" to power LED's and/or to facilitate charging

Part no. 56-870

COMFORT INDICATOR

Comfort Indicator is the easiest way to monitor the charge in your battery. An accurate reading for your battery is displayed two hours after you've used your vehicle.



GREEN means the battery charge is more than 12.65 V. OK! No need for charging.

YELLOW means the battery charge is between 12.4 and 12.65 V. It's time to start thinking about charging the battery.

RED means the battery charge is below 12.4 V. It's definitely time to charge the battery.



COMFORT INDICATOR - Clamp

Comfort Indicator - Clamp easy to use with multiple vehicles, ideal for workshops and vehicle showrooms. Should a need for charging be indicated, simply remove the cap from the unit and a compatible CTEK charger can be plugged in to restore the battery to fully charged status. Cable length 59 inches for ease of use.

Part no. 56-384



COMFORT INDICATOR - Pigtail

Comfort Indicator - Pigtail offers a way to adapt the commonly used two pin SAE connector cable for use with CTEK Comfort Connect products.

Part no. 56-564



COMFORT INDICATOR - Panel

Comfort Indicator - Panel comes in 3 different variations for ease of application and is designed to be mounted into any flat surface by creating a rectangular access hole (location/sizing template included). *Rectangular mounting hole size - 21mm x 36.8mm (Large rocker switch panel compatible).*

Available in two cable lengths and Flat Pin connector version for custom applications. Part no. 56-380 Cable length 4.9 ft., eyelet size M8

Part no. 56-531 Cable length 10.8 ft., eyelet size M8

ACCESSORIES

CTEK BUMPER

Bumper US 0.8

Bumper 4.3 and 5.0 model

Bumper MUS 7002

CTEK Bumper helps protect the charger and vehicle surfaces from bumps and scratches. Adds extra grip on slippery surfaces. Made of durable silicon rubber material. The CTEK Bumper fits snugly around the body of your CTEK charger.



Part no(s).
40-057 - 0.8 Black
(Fits 56-865)

56-915 - 4.3 and 5.0 Black
(Fits: 40-339, 40-255, 40-206,
56-959, 56-958, 56-926)

40-058 - MUS 7002 Black
(Fits: 56-353)



CTEK BUMPER US 0.8



CTEK BUMPER 4.3,
5.0 and CT5 models



CTEK BUMPER MUS 7002



CTEK MOUNTING BRACKET

Mounting Bracket is versatile, safe and easy for practical charger, cable and clamp storage. Designed for all CTEK chargers in the CT5 and 4.3A range of products (40-339, 40-255, 40-206, 56-959, 56-958, 56-926)

- Practical use and storage of charger and storage of charger output clips and cables
- Open frame design allows easy access to charger functions.

Part no. 40-006



BUMPER 300

CTEK Bumper 300 helps protect your CTEK charger and vehicle from bumps and scratches and gives extra grip on slippery surfaces. Made of durable silicon rubber material, the CTEK BUMPER 300 fits snugly around the body of your CTEK charger. Includes a robust handle that is integrated around your charger under the bumper.

Fits CTEK chargers PRO25S, PRO25SE, MUS 25000 and MXS 25EC
2 Year Limited Warranty

Part no. 40-060



WALL HANGER 300

CTEK Wall Hanger Pro has been specially designed to allow the MUS25000 and MXS25EC chargers to be mounted in an easy "on-off" fashion on a wall, vehicle lift post or hung on a vehicle door or window. The wall hanger has rubber feet to avoid scratching vehicle paintwork and includes a hook for safely and conveniently storing output cables and clips.

The Kit includes:

- A charger mounting plate that attaches directly to the back of the charger.
- A wall mounting plate for wall / surface mounting
- Screws and rubber feet

Suitable for use with:
PRO25S, MUS 25000
and MXS 25EC

Part no. 56-314



TROLLEY PRO

CTEK TROLLEY PRO is a mobile workstation that can organize and carry a wide range of CTEK charging equipment and battery testers, lap-tops etc. PLUS is strong enough to easily carry a battery on the lower shelf for jump starting as needed. With a 'go anywhere' design TROLLEY PRO features four wheels - two with brakes - for easy shop maneuverability and security. Hooks are included for proper storage of cables and clips.











- Versatile test station for chargers, testers and batteries.
- Perfect for Flash programming / updating.
- Pull out mouse shelf for laptop use
- Pre drilled lower panel to mount single or multiple CTEK PRO Chargers.
- Robust steel construction with four wheels.
- Durable black, powder coated finish.

Suitable for use with: PRO25S, PRO25SE, MUS 25000 and MXS 25EC

Part no. 56-604

CHARGER GUIDE

WWW.CTEK.COM

										
LITHIUM PROGRAM	US 0.8 56-865 12V • 0.8A	●	●	●						
	POWERSPORT 40-339 12V • 2.3A		●	●	●					
	MXS 5.0 40-206 12V • 4.3A	●	●	●		●	●			
	TIME TO GO 40-255 12V • 4.3A					●		●		
	TEST & CHARGE 56-959 12V • 4.3A	●	●	●		●	●			
	POLAR 56-958 12V • 4.3A	●	●	●	●	●	●			
	LITHIUM US 56-926 12V • 4.3A		●	●		●				
LITHIUM PROGRAM	MUS 7002 56-353 12V • 7A					●	●	●	●	●
	PRO25S 40-328 12V • 25A						●	●	●	●
	PRO25SE 40-327 12V • 25A						●	●	●	●

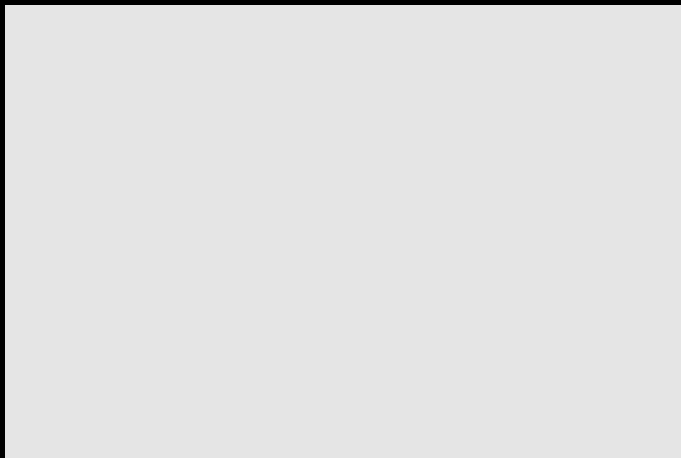
● GOOD ● BEST ● 12V LITHIUM BATTERIES (LiFePO₄, Li-Fe, Li-iron, LFP)



CTEK

1h
2
4





CTEK | **MAXIMIZING
BATTERY
PERFORMANCE**

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