

# CONSUMER

*Modern cars are full of electronics, and demands on batteries are increasing all the time. One day the battery won't be able to power the electronics, and you might not even get started. With a CTEK charger you don't have to worry, no matter what adventures await you!*





## CT5 START/STOP

PART NO. 40-106

The CT5 START/STOP battery charger is specially designed to provide safe and easy charging and maintenance for vehicles equipped with new generation Start/Stop technology. There are no buttons that need pressing or settings to choose. This easy to use smart charger is the perfect solution for keeping your AGM or EFB battery in peak health to maximize vehicle performance, extend battery life and help reduce your CO2 emissions.

### FEATURES

- FULLY OPTIMISED FOR START/STOP BATTERY TYPES I.E. AGM AND EFB-BATTERIES.
- SIMPLE TO USE WITH AN EASY TO UNDERSTAND DISPLAY.
- FULLY AUTOMATIC CHARGING.
- NON-SPARKING, REVERSE-POLARITY PROTECTED.



### TECHNICAL DATA

Voltage	14.55 V
Charging current	3.8 A
Charger type	Multi Step fully automatic charging cycle
Battery type	12V AGM and EFB lead-acid batteries
Battery capacity	14-110 Ah, maintenance charging up to 130 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty





## CT5 TIME TO GO

PART NO. 40-162

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 flat” and “how long before my battery is charged?” CTEK can now give all car-owning consumers exactly what they want – the ability to plan their day.

### FEATURES

- FOR ALL TYPES OF LEAD-ACID 12V BATTERIES (WET; MF; CA/CA; AGM AND GEL).
- TELLS YOU HOW LONG BEFORE THE BATTERY IS CHARGED AND READY TO GO.
- INDICATOR TO TELL YOU WHEN YOU CAN TRY AND START THE BATTERY AFTER A FLAT BATTERY.
- FULLY AUTOMATIC CHARGING WITH MAX 5A.
- TESTS AND RESTORES BATTERY CAPACITY.
- NON-SPARKING, REVERSE POLARITY PROTECTED.



### TECHNICAL DATA

Voltage	NORMAL 14.4V, AGM 14.7V, RECOND 15.8V
Charging current	Max 5A
Charger type	Multi Step fully automatic charging cycle
Battery type	All types of 12V lead-acid batteries (WET, MF, Ca/Ca and GEL).
Battery capacity	20-160Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty





## CT5 POWERSPORT

PART NO. 40-133

The CT5 POWERSPORT charger is easy to use and works with all powersport vehicle batteries. Connect the CT5 POWERSPORT charger direct to the battery or via the 12V CANBUS socket (compatible with BMW motorcycles) using the INDICATOR PLUG 12V accessory.

### FEATURES

- FOR ALL POWERSPORT VEHICLES WITH 12V BATTERIES.
- 2.3A OF POWER, JUST RIGHT FOR CHARGING POWERSPORT VEHICLE BATTERIES.
- MAINTENANCE CHARGING FOR SEASONAL POWERSPORT VEHICLES STORED FOR LONG PERIODS OF TIME.
- ENABLES CHARGING ON BMW MOTORCYCLES USING CANBUS TECHNOLOGY.
- NON-SPARKING, REVERSE-POLARITY PROTECTED.



Enable charging on BMW motorcycles using CANBUS technology.



### TECHNICAL DATA

Voltage	NORMAL 14.4V, AGM 14.7V, RECOND 15.8V
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)
Battery capacity	5-25 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



## XC 0.8



PART NO. 56-773

The XC 0.8 is the charger that can give your vintage car a new lease of life. It is a complete 6 V battery charger in a small format that charges everything from small batteries of 1 Ah up to the larger tractor batteries.

- Fully automatic charging and maintenance in 4 steps maximizes battery life and performance.
- Compact tough design – splash resistant and dustproof to IP65.
- Patented maintenance charge for a unique combination of maximized life and performance.
- Patented desulphation that extends the battery life.
- No sparks, short-circuit proof and reverse-polarity protected for trouble-free usage.

### TECHNICAL DATA

Voltage	7.2 V
Charging current	0.8 A
Charger type	4 step, fully automatic charging cycle
Battery type	6 V lead-acid batteries
Battery capacity	1.2-100 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



## XS 0.8



PART NO. 56-833

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

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

### TECHNICAL DATA

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



## MXS 3.8



PART NO. 56-972

The MXS 3.8 is a microprocessor controlled battery charger with patented Float/Pulse maintenance. The MXS 3.8 solves a broad range of battery problems and is the ideal charger for everyday use. The MXS 3.8 tests the battery condition before charging to establish if it can receive and retain charge. The MXS 3.8 features a patented automatic desulphation phase during the charging process. A special 'Snowflake' mode for optimum charging on cold winter days. The patented Float/Pulse maintenance means the MXS 3.8 is ideal for long-term maintenance. The entire charging process is easily followed on the clear LED display.

- Charges batteries up to 85 Ah. Maintains larger batteries up to 130 Ah.
- Unique 7 step charging.
- Cold weather mode.
- Connect and Forget.
- Extends battery life.

### TECHNICAL DATA

Voltage	14.4/14.7 V
Charging current	Max 3.8 A
Charger type	7 step, fully automatic charging cycle
Battery type	All 12 V Lead Acid types
Battery capacity	1.2-85 Ah, maintenance charging up to 130 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



## MXS 5.0



PART NO. 56-975

The MXS 5.0 is a microprocessor controlled battery charger with automatic temperature sensor built-in. The MXS 5.0 solves a broad range of battery problems and is the ideal charger for the user with high demands. The MXS 5.0 tests whether the battery can retain a charge. The MXS 5.0 offers a patented automatic desulphation phase and a specific program for reconditioning, reviving and restoring deeply discharged and stratified batteries. AGM mode is perfect for maximising performance and life of most Start/Stop batteries.

- Charges batteries up to 110 Ah. Maintains larger batteries up to 160 Ah.
- Unique 8 step charging.
- Temperature sensor.
- AGM program.
- 8 charging programs/program alternatives.

### TECHNICAL DATA

Voltage	14.4/14.7/15.8 V
Charging current	Max 5 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



# MXS 5.0 TEST&CHARGE



PART NO. 56-976

The MXS 5.0 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, start power and alternator performance to provide a complete picture of battery and vehicle charging system health.

**CHARGING** - MXS 5.0 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	14.4/14.7/15.8 V
Charging current	5 A
Charger type	8 step, fully automatic charging cycle 3 voltage test programs
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



# MXS 7.0



PART NO. 56-758

The MXS 7.0 is the perfect universal 12 V charger. It is ideal for charging larger batteries found in caravans, RV's, boats and cars. The MXS 7.0 offers features such as battery diagnosis, a special reconditioning function and unique maintenance charging. The charger even has a mode for optimised charging during cold winter days and the charging of AGM batteries. The MXS 7.0 also has a Supply mode which allows the battery to be disconnected from the vehicle without losing important configurations.

- Charges batteries from 14 Ah up to 150 Ah. Maintains larger batteries up to 225 Ah.
- Supply program – can be used as a 12 V power source to protect electrical settings.
- Cold weather program, for charging in cold conditions and for AGM batteries.
- Recond program – special program to revive deeply discharged batteries.
- Splash resistant and dust-proof to IP65.



### TECHNICAL DATA

Voltage	14.4/14.7/15.8/13.6 V
Charging current	Max 7 A
Charger type	8 step, fully automatic charging cycle
Battery type	12 V lead-acid batteries
Battery capacity	14–150 Ah, maintenance charging up to 225 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty

# MXS 10



PART NO. 56-818

The MXS 10 contains the very latest technology. It is ideal for professional use and excellent in workshops, caravans, RVs, boats or cars. The MXS 10 offers features such as battery diagnosis, a special reconditioning function, unique maintenance charging and a temperature sensor for optimised charging. The special AGM mode is ideal for AGM battery chemistry and where Start/Stop batteries are to be charged or maintained. The charger also has a Supply mode which allows the battery to be disconnected from the vehicle without losing important configurations.

- Charges batteries from 20 Ah up to 200 Ah. Maintains larger batteries up to 300 Ah.
- Recond program – special program to revive deeply discharged batteries.
- Supply program – can be used as a 12 V power source to protect electrical settings.
- Special AGM mode – ideal for Start/Stop batteries.
- Removable temperature sensor.



### TECHNICAL DATA

Voltage	14.4/14.7/15.8/13.6 V
Charging current	Max 10 A
Charger type	8 step, fully automatic charging cycle
Battery type	12 V lead-acid batteries
Battery capacity	20–200 Ah, maintenance charging up to 300 Ah
Insulation	IP65 (splash and dust proof)
Warranty	2 year warranty



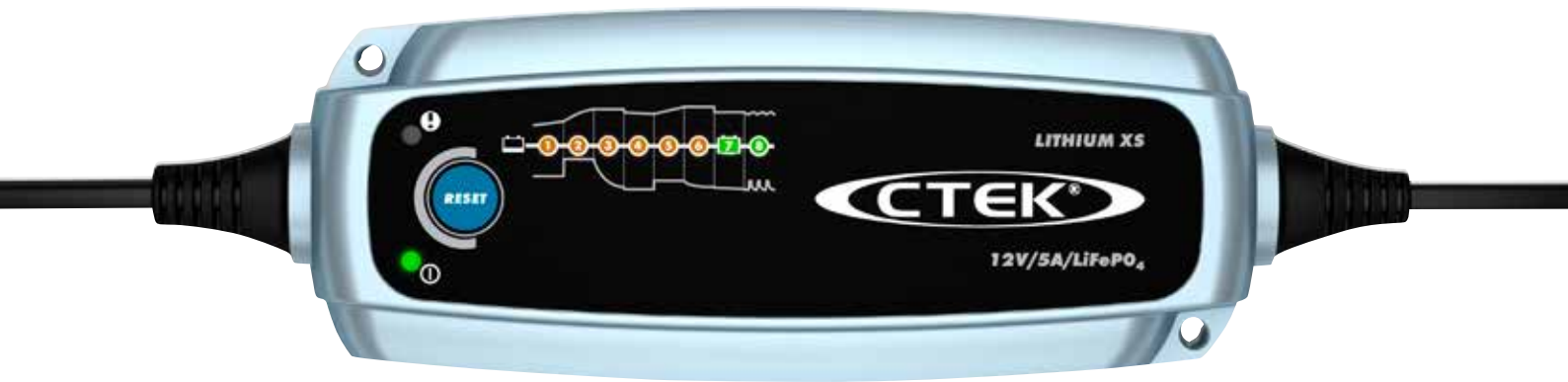
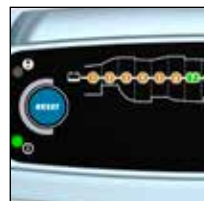


The LITHIUM XS is an advanced microprocessor controlled charger specially designed to charge and maintain the cells of Lithium-Ion Phosphate (LiFePO<sub>4</sub>) batteries - maximising their performance and lifespan. With up to 5 A of charge current available the LITHIUM XS is extremely flexible and will charge LiFePO<sub>4</sub> batteries from 5 Ah to 60 Ah. Operation is simple and charging will commence upon connection. No need to disconnect the battery from the vehicle. At charge start the LITHIUM XS will automatically reset any low voltage protection electronics (Battery Management System) fitted. Charging can be restarted manually at any time using the 'Reset' button.

- Safe and easy to use.
- Designed for LiFePO<sub>4</sub> batteries.
- Automatic low voltage reset.
- Checks battery condition at each stage.
- Ensures maximum battery capacity.

### TECHNICAL DATA

Voltage	13.8/14.4 V
Charging current	Max 5 A
Charger type	8 step, fully automatic charging cycle
Battery type	12 V Lithium Ion Phosphate (LiFePO <sub>4</sub> )
Battery capacity	5-60 Ah, maintenance charging up to 120 Ah
Insulation	IP65 (splash and dust proof)
Warranty	5 year warranty



#### 1 STEP1 ACCEPT

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

#### 2 STEP2 BULK

Charging with maximum current until approximately 90% battery capacity.

#### 3 STEP3 ABSORPTION

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

#### 4 STEP4 ANALYZE

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

#### 5 STEP5 COMPLETION

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

#### 6 STEP6 MAXIMIZATION

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

#### 7 STEP7 FLOAT

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

#### 8 STEP8 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.