



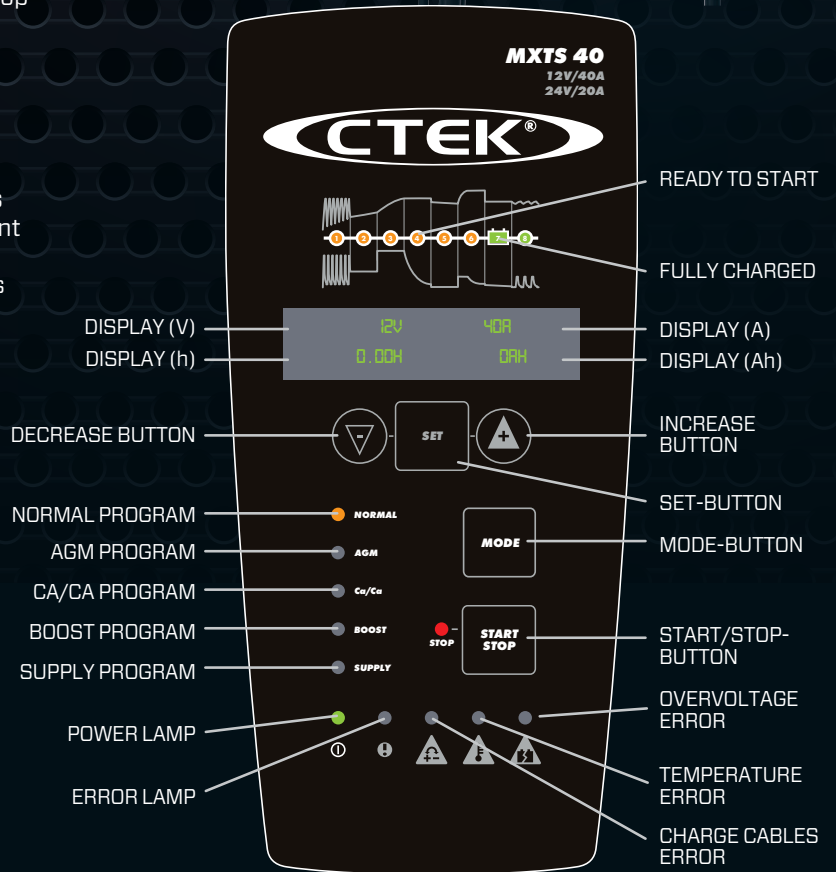
# MXTS 40

## CHARGER & BATTERY SUPPORT UNIT

The MXTS 40 is essential equipment that is suitable for universal use in the 12V and 24V vehicle workshop or showroom. It is a simple to use, electronically safe battery charger with rapid charging for all chemistries. Equally suited to battery support, the MXTS 40 provides selectable constant voltage settings to avoid ECU damage due to voltage fluctuation during programming. In addition to the 8 step charge progress display, the OLED display is easy to see and provides clear readouts of important charge parameters including current, voltage and amps charged. Highly portable the MXTS 40 comes with 2.5 metre cables and detachable clamps.

- Ideal for workshop and showroom use
- 40A/12V and 20A/24V output
- Electronically safe multi step rapid charging
- Selectable constant voltage power supply to ECU'S
- Temperature compensation and battery reconditioning functions
- Heavy duty 2.5m detachable charge cables and clamps
- Compatible with PRO accessories
- 2 year warranty

The MXTS 40 is IP20 classified, housed in heavy duty polycarbonate for rough environments and designed to protect vehicle electronics. It is non-sparking, reverse polarity protected, and short-circuit proof. The MXTS 40 is delivered with a 2 year warranty.



## MXTS 40

### ACCESSORIES\*

The MXTS 40 has a number of accessories for all workshops:

- Wall Hanger PRO with an integrated carrying strap
- Trolley PRO for your laptop and your Auto Diagnostic system

\* NOTE: Laptop, charger and cables not included.



HEAVY DUTY  
CTEK CLAMPS



DETACHABLE CABLES



CTEK MXTS 40

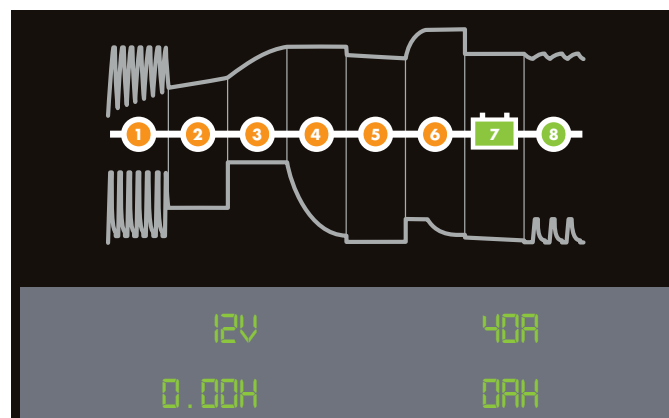
### GUARANTEED QUALITY WITH CTEK

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](http://WWW.CTEK.COM)

### CTEK's UNIQUE 8 STEP CHARGING



- STEP 1 DESULPHATION**  
Pulsing voltage removes sulphates from the lead plates of the battery restoring the battery capacity.
- STEP 2 SOFT START**  
Tests if the battery can accept charge. Charging begins if the battery is OK.
- STEP 3 BULK**  
Charging with maximum current until reaching approximately 80 % battery capacity.
- STEP 4 ABSORPTION, BATTERY READY TO USE**  
Charging with declining current to maximize up to 100 % battery capacity.
- STEP 5 ANALYSE**  
Tests if the battery can hold charge. Batteries that cannot hold charge may need to be replaced.
- STEP 6 RECOND**  
Reconditioning function for deeply discharged batteries.
- STEP 7 FLOAT, BATTERY FULLY CHARGED**  
Maintaining the battery voltage at maximum level by providing a constant voltage charge.
- STEP 8 PULSE, MAINTENANCE CHARGING**  
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.

### TECHNICAL DATA

CHARGING VOLTAGE	14.4V/14.7V/15.8V and 28.8V/29.4V/31.6V
CHARGING CURRENT	Max 40/20A
TYPE OF CHARGER	8 step, fully automatic charging cycle with adjustable parameters
POWER SUPPLY SETTINGS	12V: 13.6V/14.0V/14.4V/14.8V 24V: 27.2V/ 28.0V/28.8V/ 29.6V
TYPE OF BATTERY	All types of 12/24V lead-acid batteries
BATTERY CAPACITY	12V: 20-1200Ah, 24V: 10-600Ah
INSULATION	IP20