

# CTEK

**CTEK MXTS 40**  
**ALL-IN-ONE 12V AND 24V BATTERY SUPPORT**  
**FOR THE PROFESSIONAL WORKSHOP**



## **CTEK MXTS 40**

# **ALL-IN-ONE 12V AND 24V BATTERY SUPPORT FOR THE PROFESSIONAL WORKSHOP**

*With selectable dual voltage power supply, incremental output settings for 12V and 24V batteries, fully automatic 8-step charging and temperature control for all weather conditions, MXTS 40 is the all-in-one battery support, charging and maintenance tool for the workshop.*

*Constant, accurate voltage settings mean complex diagnostic, repair and reprogramming procedures can be carried out quickly and safely without fear of damage to sensitive vehicle electronics.*



## **WHY YOU NEED CTEK BATTERY SUPPORT**

Battery support is an essential tool for all types of diagnostic, service and repair work in the modern workshop. Any work on any vehicle demands a constant, reliable power supply - if the voltage dips, sophisticated diagnostic, repair or update programs can fail and could also damage the vehicle's ECUs. That's a frustrating, time consuming and potentially very expensive situation to be in.

Like all CTEK PRO Series products, MXTS 40 has automatic parallel load compensation which makes sure that power supply voltage and amperage are always constant and correct, even if the battery has an additional load placed on it during diagnostic work.

CTEK's MXTS 40 is the all-in-one battery support tool that will save your workshop time and money.



**Dual voltage power supply**

Selectable 12V and 24V power supply with constant support voltage to avoid damage to the vehicle's ECUs and other sensitive electronics.

**Fully automatic 8-step charging**

Simple, easy to read graphic display shows you what stage MXTS 40 has reached in the charging cycle.



**Selectable output voltages**

In 'SUPPLY' mode, incremental output voltages can be selected in both 12V and 24V settings to comply with manufacturers' minimum service voltages.



**Automatic temperature compensation**

Temperature sensor can be fixed inside the positive clamp or as close to the battery as possible. It automatically adjusts the voltage to the ambient temperature in conditions between -20°C and +50°C (-4°F to +122°F), reducing the risk of over- or under-charging.

**Tough, safe and reliable**

Detachable, heavy duty 2.5m charging cables with optional 5m replacement cables. IP20 rated, short circuit proof and comes with a 2-year warranty.

## KEY PRODUCT FEATURES

- Up to 40A (12V) and 20A (24V) battery support
- Power supply with selectable output in steps of 0.4V, from 13.6V to 14.8V (12V setting) and in steps of 0.8V, from 27.2V to 29.6V (24V setting)
- Fast, fully automatic 8-step charging
- Dedicated programs for normal, AGM and Ca/Ca batteries
- 'BOOST' program to recondition deeply discharged lead-acid batteries
- Automatic temperature compensation
- Heavy duty 2.5m detachable charging cables

## TECHNICAL INFORMATION

Power supply	Max 40A/20A; Selectable output in steps of 0.4V, from 13.6V to 14.8V (12V setting) and in steps of 0.8V from 27.2V to 29.6V (24V setting)
Charging voltage	12V: 14.4V/14.7V/15.8V, 24V: 28.8V/29.4V/31.6V
Battery types	12/24V Lead acid: Wet, Ca/Ca, AGM, EFB (Start/Stop types) and Gel
Battery capacity	12V: 20-1200 Ah, 24V: 10-600 Ah
Start voltage	Low 2V start up voltage for charging
Parallel load compensation	Automatic
Ripple	Less than 4%
Ambient operating temperature	-20°C to +50°C (-4°F to +122°F)
Degree of protection	IP20
Mains cable length	2.5m (AC cable) - detachable
DC cable	2.5m, 6 mm <sup>2</sup> (DC cable) - detachable
Net weight (unit with cables)	1.3 kg
Warranty	2 years

## SUITABLE ACCESSORIES

### TROLLEY PRO

Carry all of your test equipment with this custom designed, heavy duty trolley.



### WALL HANGER PRO

Specially designed to enable the MXTS 40 to be mounted onto the wall or ramp posts.





## ***WHY CHOOSE CTEK?***

CTEK invented the smart charger over 25 years ago and is now the leading global brand in vehicle battery support, care and maintenance.

Our professional range of battery support equipment and chargers is high quality, tough and reliable, and used in a wide variety of applications, from professional workshops and showrooms to domestic use.

We also produce branded chargers for over 50 of the world's biggest and most prestigious car manufacturers.

We offer the ultimate in battery support and charging for all types of vehicle. Packed with new and unique features, our extensive range of products maximises battery performance and delivers the complete vehicle and battery support solution.

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