

The image shows a CTEK MXTS 40 battery support unit in a workshop. The unit is black with a digital LCD display showing '29.4V' and '0.85h'. It has various control buttons and a 'START STOP' button. The unit is connected to a vehicle's battery system. The background shows a workshop environment with a yellow beam and various mechanical parts.

MXTS 40

ALL-IN-ONE 12V AND 24V BATTERY TOOL FOR THE PROFESSIONAL WORKSHOP

MXTS 40 is the essential tool for 12V and 24V vehicle workshops. Easy to use, hard wearing and safe for fast and accurate diagnostics, repair and reprogramming.

DUAL VOLTAGE POWER SUPPLY

MXTS 40 has a selectable, dual voltage power supply, each with incremental output voltage settings in steps of 0.4V (12V setting) or 0.8V (24V setting).

Its steady, 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

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.

Coupled with fast, fully automatic 8-step charging and temperature control for all weather conditions, MXTS 40 is the all-in-one 12V and 24V workshop battery support, charging and maintenance tool.

WHY CTEK BATTERY SUPPORT?

Battery support is an essential tool for all types of diagnostics, service and repair work in the modern workshop. CTEK professional 12V and 24V battery support products give you powerful supply, charging and maintenance programs in versatile, highly efficient units that will help save you valuable time and money.

- Up to 40A (12V) and 20A (24V) battery support
- Power supply with selectable output in steps of 0.4V (12V) or 0.8V (24V)
- Multilingual, easy to read LCD display
- Fast, fully automatic 8-step charging
- Dedicated programs for normal, AGM and Ca/Ca batteries
- 'BOOST' program to recondition deeply discharged lead-acid batteries
- Charger type: 8-step, fully automatic charging cycle
- Battery type: normal 12V and 24V, MF, Ca/Ca, AGM, GEL
- Low 2V start up voltage for charging
- Automatic parallel load compensation
- Extremely low ripple
- Automatic temperature compensation
- Degree of protection: IP20
- Warranty: 2 years
- Accessories: optional TROLLEY PRO and WALL HANGER PRO mounting kits, 5 meter DC cable

CTEK

MXTS 40



TECHNICAL DATA

INPUT	220-240 VAC, 50-60 Hz, 3.0 A
OUTPUT	14.4 V, 40 A/12 V or 20 A/24 V
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
CHARGER TYPE	8 step, fully automatic charging cycle
BATTERY TYPES	12 V: 24 V: WET, MF, Ca/Ca, AGM, GEL
BATTERY CAPACITY	12 V: 20-1200 Ah, 24 V: 10-600 Ah
START VOLTAGE	2.0 V
PARALLEL LOAD COMPENSATION	Automatic
BACK CURRENT DRAIN*	Corresponding to less than 1 Ah/month
RIPPLE**	Less than 4 %
AMBIENT OPERATING TEMPERATURE	-20 °C to +50 °C (- 4 °F to +122 °F)
TEMPERATURE COMPENSATION	Temperature compensation and battery reconditioning functions.
USER INTERFACE	LCD graphical display, Multilingual, easy to read
BATTERY CHEMISTRY	Lead acid
DEGREE OF PROTECTION	IP20
DIMENSIONS (L X W X H)	254 x 160 x 76 mm
MAINS CABLE LENGTH	2.5m (AC cable) - detachable
CHARGE CABLE LENGTH	2m, 6 mm ² (DC cable)
NET WEIGHT (UNIT WITH CABLES)	1.3 kg
GROSS WEIGHT (UNIT IN BOX)	3.7 kg
WARRANTY	2 years

*) Back current drain is the current that drains the battery if the charger is not connected to the mains. 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 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

All products and product specifications are subject to change without notice, to improve reliability, function or design. In the event of product error, we reserve the right to inspect the product and verify the fault. All product returns are subject to our standard warranty terms.

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