

# POWERFUL 24V BATTERY CHARGER AND SUPPORT UNIT FOR THE PROFESSIONAL WORKSHOP

*Designed specifically for 24V commercial vehicle batteries and with a dedicated 24V power supply mode, MXT 14 is the ideal battery support tool for larger vehicle workshops.*

## **PERFECT FOR DIAGNOSTICS**

*MXT 14 is designed to support, charge and maintain batteries that are put under a lot of strain, like the ones used in commercial vehicles, buses and trucks.*

*Its 24V power supply supports the vehicle battery during diagnostic and servicing work. It also delivers fully automatic 8-step charging with temperature compensation for use in all weather conditions between -20°C and +50°C (-4°F to +122°F).*

*And, like all CTEK PRO Series products, MXT 14 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.*

## **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 14A of battery support
- 27.2V power supply program
- Fast, fully automatic 8-step charging
- 'NORMAL' program for 24V lead-acid, WET, Ca/Ca, AGM, MF and most GEL batteries
- 'RECOND' mode to recondition deeply discharged lead-acid batteries
- Charger type: 8-step, fully automatic charging cycle
- Battery type: normal 24V, WET, MF, Ca/Ca, AGM, GEL
- Low 2V start up voltage for charging
- Extremely low ripple
- Automatic parallel load compensation
- Automatic temperature compensation
- Heavy duty 2m charging cables
- Degree of protection: IP44
- Warranty: 2 years
- Accessories: optional BUMPER 300 silicone protector and WALL HANGER 300 wall mounting kit

**MXT 14****TECHNICAL DATA**

INPUT	220-240 VAC, 50-60 Hz, 2.9 A
POWER SUPPLY	Max 14 A, 27.2 V
CHARGING VOLTAGE	28.8V / 31.6V / 27.2V
CHARGER TYPE	8-step, fully automatic charging cycle
BATTERY TYPES	24V Lead acid: Wet, Ca/Ca, AGM, EFB (Start/Stop types) and Gel.
BATTERY CAPACITY	28-500Ah
START VOLTAGE	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)
TEMPERATURE COMPENSATION	External charge voltage temperature compensation sensor
DEGREE OF PROTECTION	IP44
BACK CURRENT DRAIN*	Corresponding to less than 1 Ah/month
DIMENSIONS (LXWXH)	235 x 130 x 65 mm
MAINS CABLE LENGTH	2m (AC cable)
CHARGE CABLE LENGTH	2m, 4 mm <sup>2</sup>
NET WEIGHT (UNIT WITH CABLES)	1.9kg
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 has 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](http://WWW.CTEK.COM)

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