

A close-up photograph of an orange CTEK MXS 5.0 POLAR battery charger. The device is rectangular with a black top panel featuring the CTEK logo, the model name 'MXS 5.0 POLAR', and the specification '12V/5A'. A black charging cable is plugged into the bottom of the unit. The background is dark and out of focus, showing parts of a vehicle's engine compartment.

MXS 5.0 POLAR

AUTOMATIC CHARGING OF DIFFERENT SIZE BATTERIES IN SEVERE WEATHER

The MXS 5.0 POLAR has been specially developed to give you all round charging in severe cold weather.

MAXIMUM CONTROL AND PERFORMANCE

The MXS 5.0 POLAR is an advanced microprocessor controlled battery charger with specially adapted AC and DC cables that can easily handle conditions down to -30°C (-22°F). It gives you unrivalled charging performance on lead acid batteries from 1.2Ah up to 110Ah and includes battery diagnosis to establish whether your battery can receive and retain a charge, a patented automatic desulphation program, an AGM option which maximizes the performance life of most batteries and a special Recond mode for reconditioning deeply discharged batteries. In maintenance mode, the MXS 5.0 POLAR uses CTEK's patented float/pulse system.

PRACTICAL AND SIMPLE TO USE

The MXS 5.0 POLAR charger is a practical and simple to use charger with an easy to understand display, It is non-sparking, reverse polarity protected and short-circuit proof, and comes with a 5 year warranty.

- Charges batteries up to 110Ah
- Easy to read LED display
- Splash and dust proof (IP65)
- Safe spark free operation
- Reverse polarity protected
- Short circuit proof
- Fully automatic 'connect and forget' 8 step charging
- Outstanding severe cold weather performance down to -30°C (-22°F)
- Smaller battery, normal battery, AGM, cold weather and Recond programs
- Patented float/pulse maintenance for batteries up to 160Ah
- 5-year warranty

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MXS 5.0 POLAR



TECHNICAL DATA

INPUT	220-240 VAC, 50-60 Hz, 0.6 A
OUTPUT	14.4/15.0/15.8 V, 5.0 A
CHARGER TYPE	8 step, fully automatic charging cycle
BATTERY TYPES	12 V: WET, MF, Ca/Ca, AGM, GEL
BATTERY CAPACITY	1.2-160 Ah
START VOLTAGE	2.0 V
BACK CURRENT DRAIN*	Corresponding to less than 1 Ah/month
RIPPLE**	Less than 4 %
AMBIENT OPERATING TEMPERATURE	-30 °C to +50 °C
BATTERY CHEMISTRY	Lead acid
DEGREE OF PROTECTION	IP65
WARRANTY	5 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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