

Qoltec Intelligent microprocessor-based charger with battery tester and repair function 12V | 6A | LCD | Battery charger for AGM LiFePO4 GEL batteries

Product code: 52488

The intelligent microprocessor-controlled charger for charging and testing 12V batteries with LCD display is a microprocessor-based genius in energy management. Ideal for LiFePO4, AGM, GEL, SLA, WET batteries in various types of vehicles e.g. cars, motorbikes, trucks, campers.

EXCELLENT EFFICIENCY THANKS TO INTELLIGENT CONTROL



Qoltec Rectifier Fits Various Battery Types

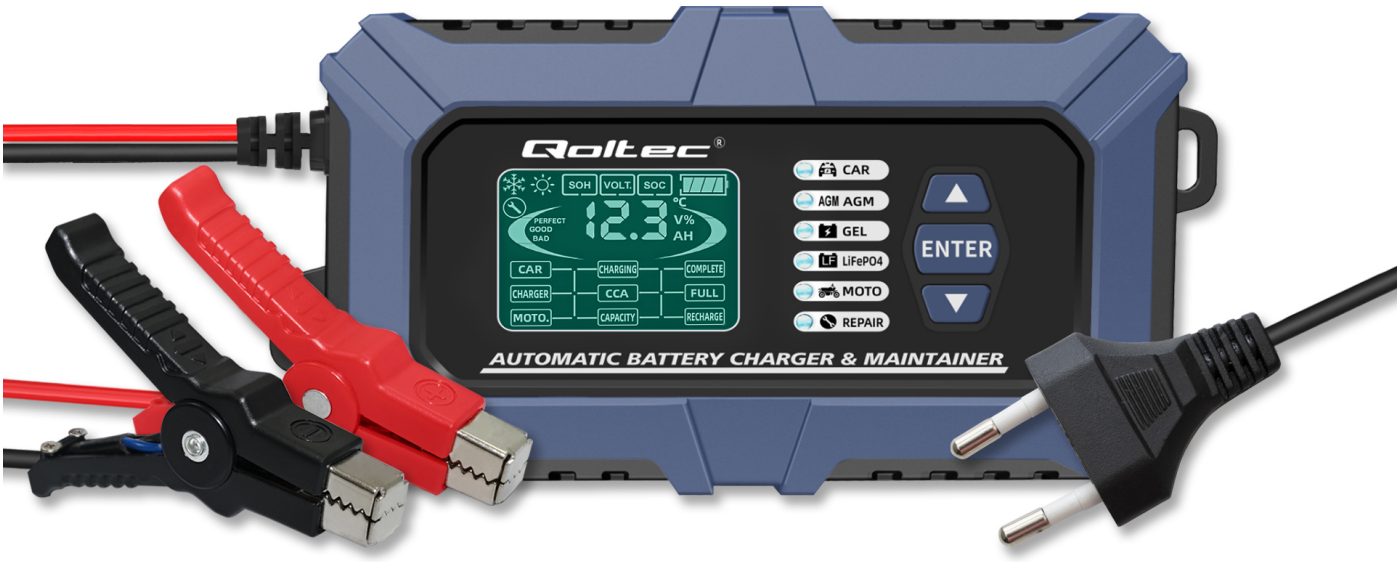
The proper selection of an appropriate charger for the battery is crucial if you want your battery to serve you for a long time . The wrong charger can result not only in longer charging times, but also in a significant reduction in battery life.

The Qoltec brand rectifier is **microprocessor-based precision charging**, offers **6 operating modes**, which greatly simplifies the loading process, **a single charger is sufficient for the various battery types** and supports:

- **Car mode** for lead-acid batteries,
- **AGM mode** designed for AGM batteries in vehicles with start/stop systems,
- **GEL colloidal charging mode**,
- **LiFePO4 mode**,
- **Moto mode** dedicated to smaller batteries,
- **Repair mode** for batteries that need to be reconditioned.

The time required for recharging depends on the degree of discharge of the battery and its actual capacity . Charger designed for charging batteries in cars, motorbikes, boats, lawnmowers, agricultural vehicles and quads.

TRUST OUR CHARGERS - ENJOY UNINTERRUPTED ENERGY



Rectifier with microprocessor, automatic switch-off after charging, advanced safety features, built-in fan for complete comfort of use

Rectifier **microprocessor-controlled, guarantees absolute safety of use, personalised charging for each type of battery, automatically switches off when the battery is fully charged, keeping the battery ready to use.** So you don't have to worry about **overcharging the battery**.
You can now safely and quickly recharge your battery. Product **has advanced security features** including reverse polarity, overvoltage and overcharge protection. Additionally **built-in fan** protects the device from overheating.

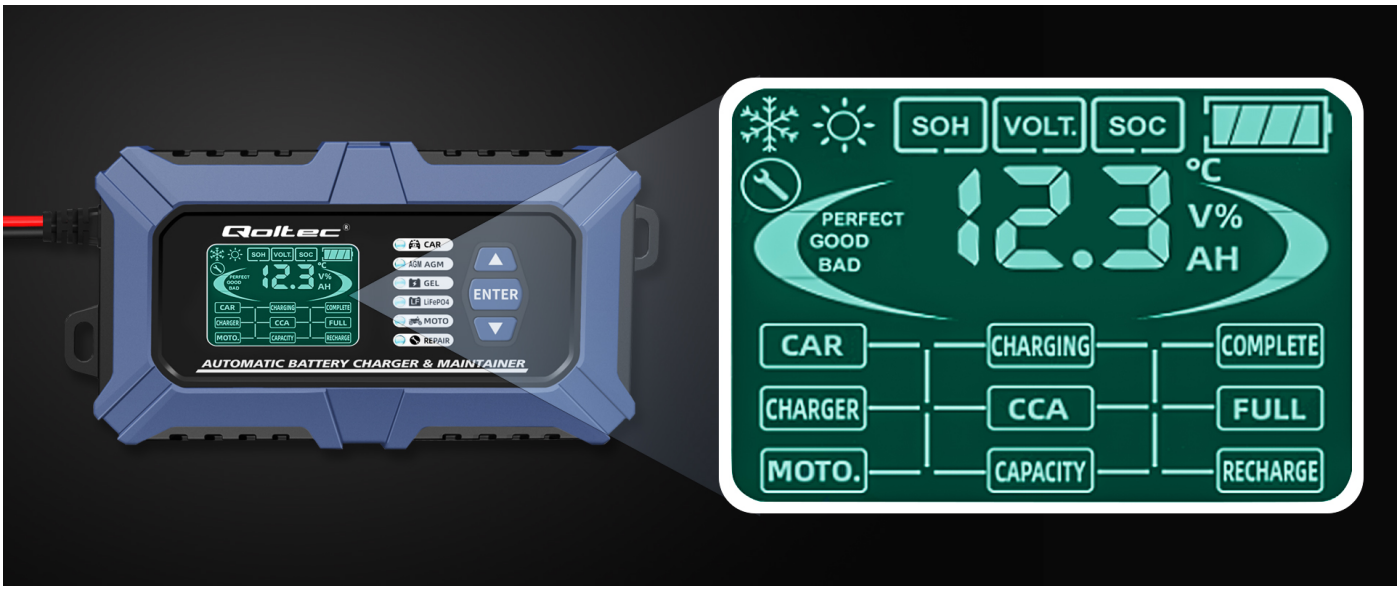
PRECISION BATTERY TEST FUNCTION



Precise Diagnosis, Rapid Detection of Failures

The ideal tool for anyone who wants to know exactly the current status of their battery, **not only for specialists.** You can now easily **check the cause of the problem and avoid major failures and costly diagnostics** e.g. in an automotive workshop. With a Qoltec brand device, analysing the battery health results becomes easier than ever. **You can measure battery voltage, CCA current, check battery health and life and quickly detect a fault.**

MULTIFUNCTIONAL LED DISPLAY



Full control over battery status and charging parameters

The charger has a large and clear LED display, making it easy to see the process and the most important charging parameters. You can continuously monitor the status of the battery, check the voltage and amperage and the currently selected mode, making working with the device easy and intuitive, not only for professionals.

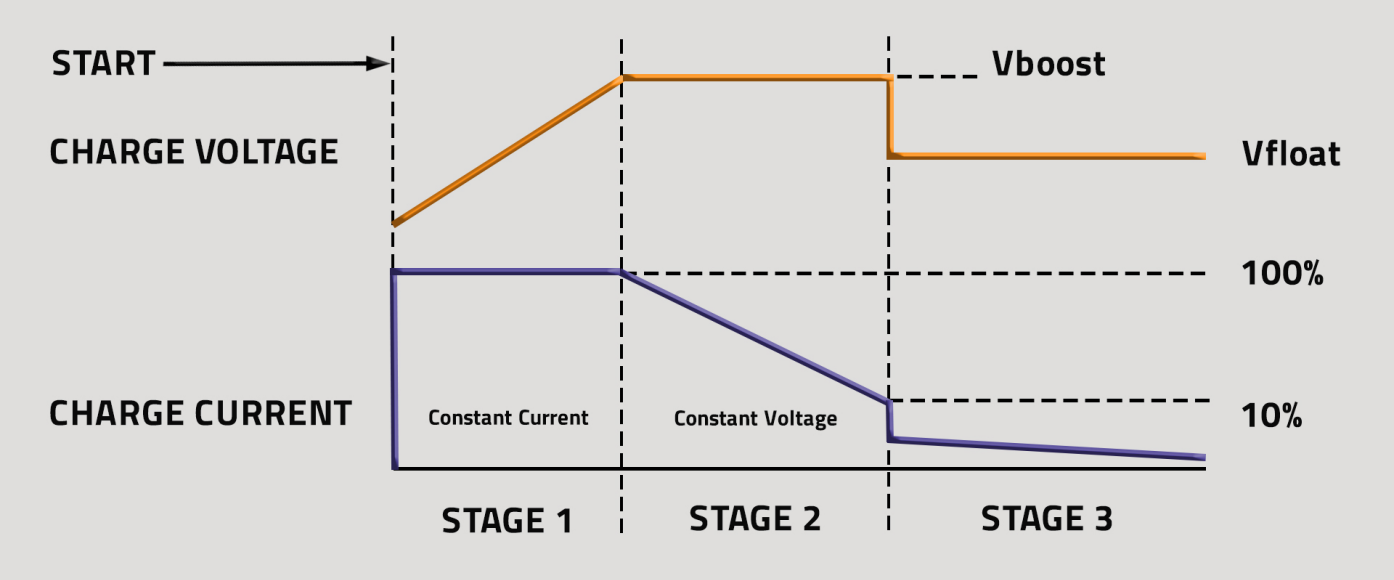
REPAIR FUNCTION OR ADVANCED REPAIR OF YOUR BATTERY



Advanced battery recovery mode

Our charger is **ideal for rescuing a battery that has stopped working** as it should, this is usually the result of the battery being completely discharged and left in this state for an extended period. We may then notice that the battery is not accepting the charging current or is heating up significantly. **The repair mode is an approximately 16-hour advanced recovery mode for batteries that have not been used for a long time, for example, or for sulphated batteries with very low voltage** . With this function, the charger can help extend the life of the battery or regenerate it.

PRECISE CHARGE MANAGEMENT IN THREE STEPS



Precise 3-stage charging

The charger uses **intelligent 3-stage charging** by adapting the charging voltage and current to the current state of charge of the battery, it consists of 3 stages :
Stage **CC is a charge up to 80% of the battery capacity, with maximum current kept constant and high voltage**,
CV stage the charger keeps the charging voltage constant between 14.1VDC and 14.8VDC, reducing the charging current,
The **FLOAT stage** is the so-called maintenance in which the **battery has already reached 95% of its capacity and gradually reaches 100%** , there is a reduction in the charging voltage to a constant value between 13.0VDC and 13.8 VDC.

SIMPLE INSTALLATION - ROBUST HOUSING



Quick and simple connection of the charger to the battery

Connecting the charger to the battery is quick and easy, simply attach the clamps to the battery accordingly. **The red connector is clipped to the positive terminal and the black one to the negative terminal**. Any vehicle owner should be able to cope with this. Once the charger is connected to the power supply and the appropriate mode selected, the charger is ready for charging.

CONFIDENCE CONFIRMED BY A WARRANTY

Product with 24 months guarantee

Do you care about the high quality of the product you are buying? Our solutions will meet your expectations. The chargers we offer come with a **24-month guarantee** from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Input voltage	220 - 240 V
Output voltage	12V
Type of charging	3 step charging mode
Output current	6A
Battery capacity	2Ah - 200Ah
Battery charging voltage	14.6-14.8V
Charging time	Depending on battery capacity from 1h to 20h
Efficiency	>85%
Cooling system	1 x Fan
Display	LCD
Protection	Reverse polarity protection Overvoltage protection Short-circuit protection Overcurrent protection Protection against overheating Low voltage protection
Protection against inverse polarity	Yes
Cable length	~0.47m
Power cord length	~0.80m
Usage	Lead-acid batteries Maintenance-free batteries AGM GEL WET STD
Additional information	Battery repair and testing function 3-stage charging mode (CC,CV, Float)
Notices	Please read the enclosed operating instructions carefully
OTHER PARAMETERS	
Colour	Blue
Material	ABS
Operating temperature	-20°C ~ +45°C
Dimensions (D/L x W x H)	85 x 170 x 55 mm
Package	Box
Package contents	1 x 12V charger 1 x Power cable 1 x Charger cover 1 x Warranty card 1 x User manual
Package depth / length [mm]	133
Package width [mm]	230
Package height [mm]	65
Net weight [kg]	0.414
Gross weight [kg]	0.480
Certificate	CE
Warranty	24 month
EAN code	5901878524887