

Qoltec Intelligent microprocessor charger 12V 10A | Rectifier with repair function for AGM GEL LiFePO4 battery | LCD

Product code: 52493

The microprocessor-controlled smart charger for charging 12V batteries with an LCD display is a microprocessor genius in energy management. Ideal for LiFePO4, AGM, GEL, SLA and WET batteries in various types of vehicles, e.g. cars, motorcycles, lorries, motorhomes and boats. It has 5 operating modes, suitable for each type of battery.

EXCELLENT EFFICIENCY THANKS TO INTELLIGENT CONTROL



Rectifier with Microprocessor, automatic shutdown after charging, advanced safety features, built-in fan for complete comfort of use

Microprocessor-controlled charger, **guarantees total safety of use, it is personalized charging for each type of battery, automatically when the battery is fully charged, it shuts off keeping the battery ready** . So you don't have to worry about overcharging the battery. You can charge your battery safely and quickly now. **The product has advanced safety features** including reverse polarity, overvoltage and overcharging protection. In addition, a **built-in fan protects the device from overheating**.

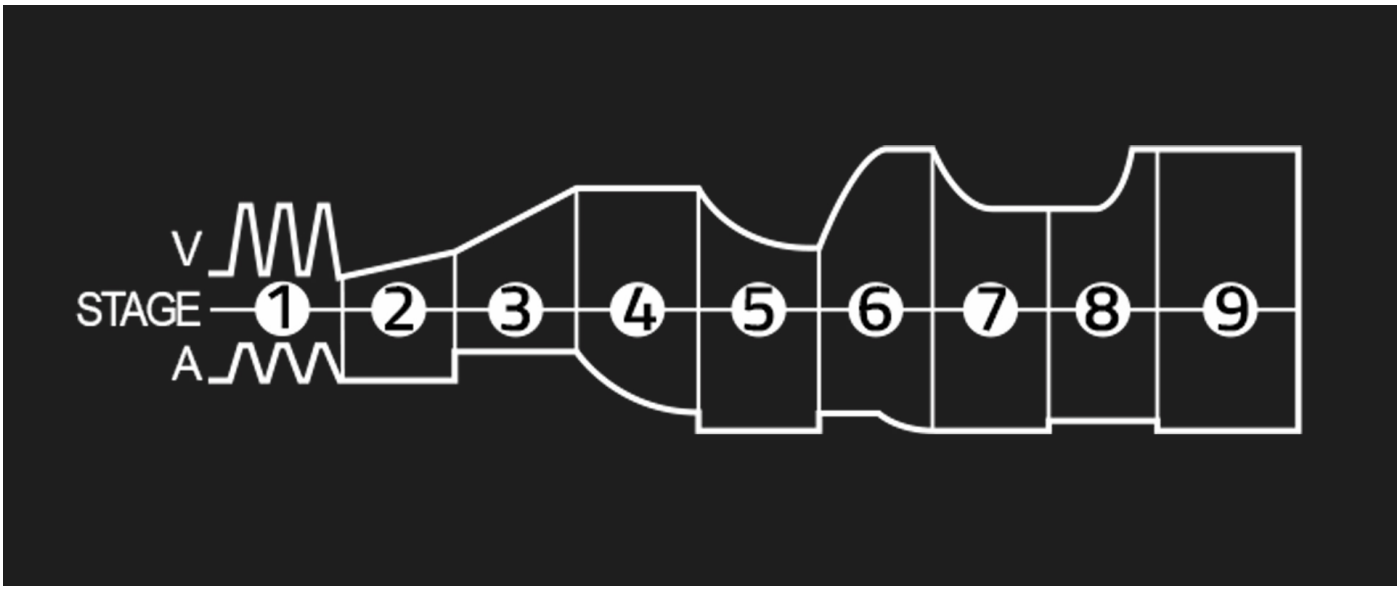
EXCELLENT PERFORMANCE THROUGH INTELLIGENT CONTROL



Compatible with LiFePO4, AGM, GEL, EFB, WET, SLA, DRY lead-acid batteries

Proper selection of the right battery charger is extremely important if you want your battery to serve you for a long time . The wrong charger can result not only in extended charging time, but also a significant reduction in battery life. Qoltec brand charger is **microprocessor precision charging**, you only need one charger for different types of batteries. **The time required for charging depends on the degree of battery discharge and its actual capacity**. The charger is designed for charging batteries in cars, motorcycles, boats, lawnmowers, agricultural vehicles and quads.

PRECISE CHARGE MANAGEMENT IN THREE STEPS

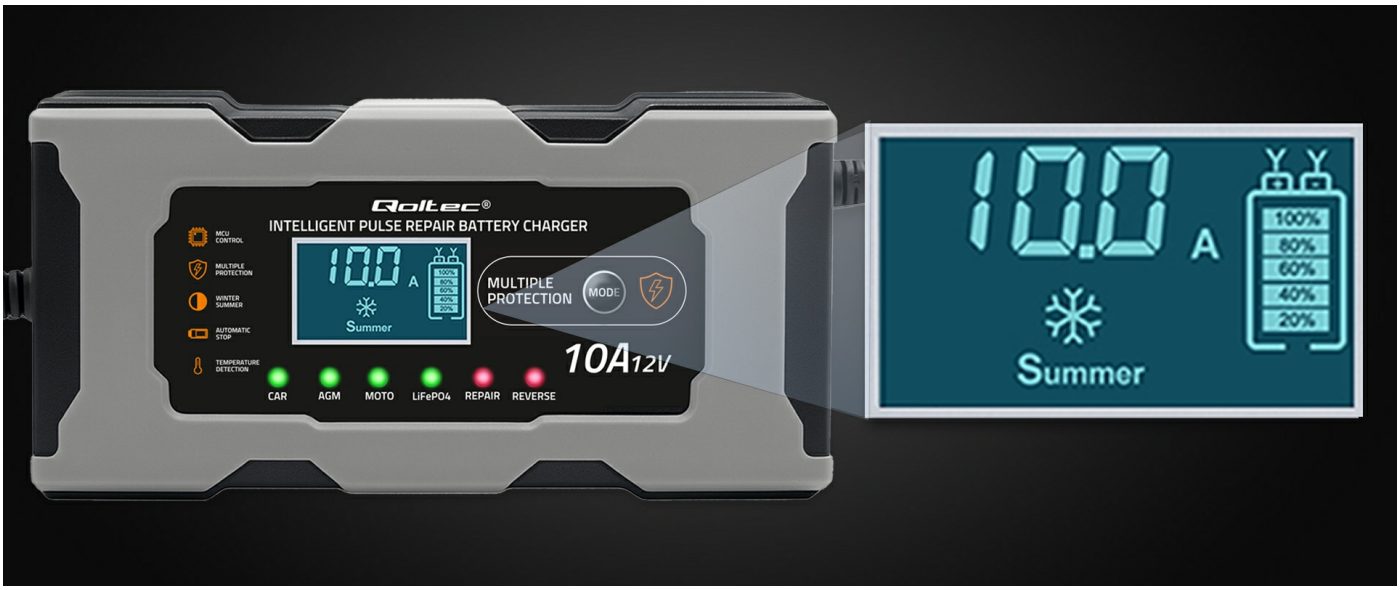


Precise Charging with 9 Configurations with integrated desulphurisation and maintenance stage

The intelligent Qoltec charger, with its 9-stage automatic charging mode with integrated desulphation and maintenance stage, provides exceptional battery protection and ensures optimum performance.

The charging process consists of **9 stages**: **1. Battery detection 2. Battery desulphurisation – regeneration, helps to extend the life of the battery being charged 3. Soft start - starting charging with a low current, preparation for bulk charging 4. Main charging - charging with a constant current 5. Absorption charging - charging with a constant voltage 6. Regeneration - improving battery durability 7. Float charging - when the battery is fully charged, it automatically switches to float mode 8. Maintenance - maintaining a full charge 9. Switching off**

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.

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	9 step charging mode
Operating voltage	13.8-15.5V
Battery capacity	4Ah-180Ah
Charging time	Depending on battery capacity
Connector	Red + black crocodile type terminals
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	0.52m
Power cord length	0.81m
Functions	Battery repair function
Usage	Maintenance-free batteries: AGM GEL WET SLA EFB LiFePO4
OTHER PARAMETERS	
Colour	Black, grey
Material	ABS
Operating temperature	-30°C ~ +50°C
Dimensions (D/L x W x H)	80 x 162 x 80 mm
Package	Box
Package contents	1 x Charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	70
Package width [mm]	225
Package height [mm]	70
Net weight [kg]	0.528
Gross weight [kg]	0.583
Certificate	CE
Warranty	24 month
EAN code	5901878524931