Qoltec Intelligent microprocessor charger 12V 15A | Rectifier with repair function and maintaining power supply during battery replacement | for AGM GEL LiFePO4 | LCD

Product code: 52496

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,
- 9-stage microprocessor-controlled battery charging mode for better performance and longer battery life,
- With a 14V power supply function to maintain voltage when replacing the battery in the vehicle.

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**.

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EXCELLENT PERFORMANCE THROUGH INTELLIGENT CONTROL

Compatible with LiFePO4, AGM, GEL, EFB, WET, SLA 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.

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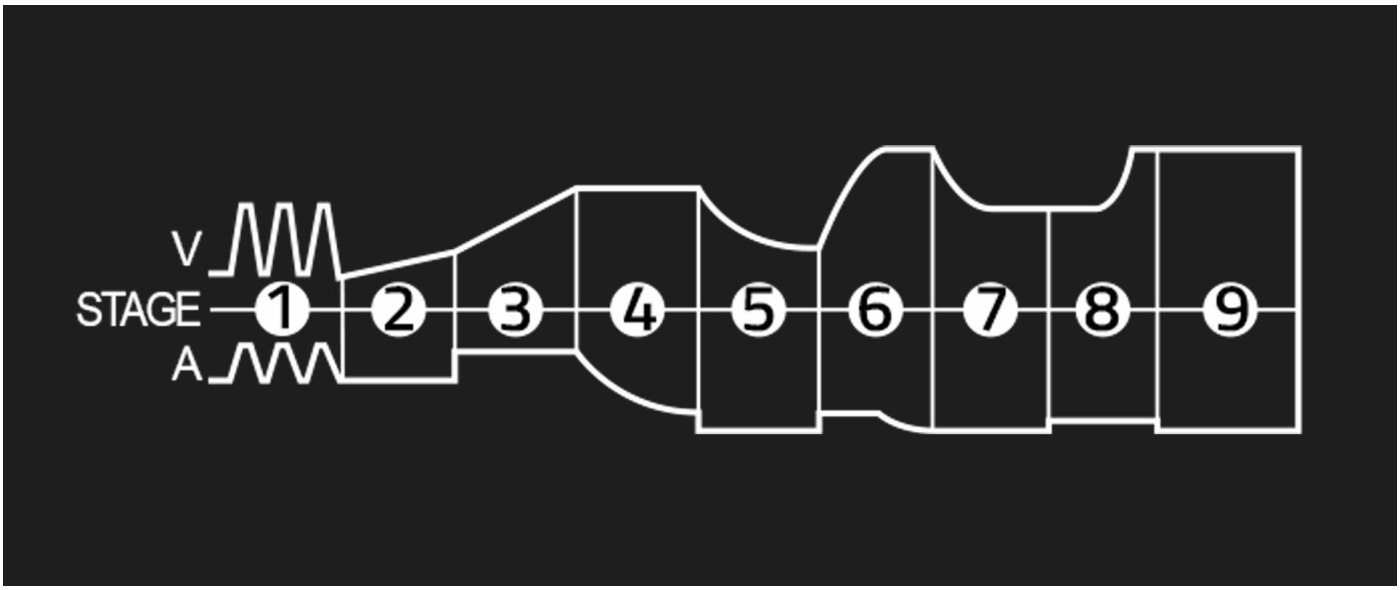
PRECISE CHARGE MANAGEMENT IN THREE STEPS



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 desulphurisation –** regeneration, helps to extend the life of the battery being charged **2. Soft start -** starting charging with a low current, preparation for bulk charging **3. Main charging -** charging with a constant current **4. Absorption charging -** charging with a constant voltage **5. Float charging -** when the battery is fully charged, it automatically switches to float mode **6. Battery test - checking the charge level and condition 7. Regeneration - improving battery durability 8. Maintenance - maintaining a full charge 9. Maintenance - low current to maintain full charge**

MULTIFUNCTIONAL LED DISPLAY, TOUCH MODE BUTTON

Full control over battery status and charging parameters, modern touch-sensitive MODE button
The charger has a large and easy-to-read LCD display, making it easy to view the charging process and key parameters. **You can constantly monitor the battery status**, check the voltage and current, and the currently selected mode, making **working with the device easy and intuitive, not only for specialists. Thanks to the touch-sensitive "MODE" button, operating the charger is even simpler and more intuitive. A light touch is all it takes to switch between operating modes, including activating the power supply (SUP) function or forced charging.**

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.

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INDISPENSABLE WHEN REPLACING THE BATTERY

Power mode (SUP) - Safe battery replacement without losing settings and data
When switched to SUP (Supply) mode, **the charger can operate as a stabilised 14V power supply, ideal for maintaining the vehicle's electrical system during battery replacement to protect data and settings in electronic systems.** It maintains a constant 14V voltage in the car's electrical system, protecting against loss of settings for the on-board computer, radio, electric windows and other systems.

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.

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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.

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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	2Ah-220Ah
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	0.50m
Power cord length	0.63m
Functions	Battery repair function Power supply function Child lock function
Usage	Maintenance-free batteries: AGM GEL SLA EFB LiFePO4
OTHER PARAMETERS	
Colour	Black, blue
Material	ABS
Operating temperature	-30°C ~ +50°C
Dimensions (D/L x W x H)	55 x 150 x 88 mm
Package	Box
Package contents	1 x Charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	60
Package width [mm]	230
Package height [mm]	110
Net weight [kg]	0.523
Gross weight [kg]	0.573
Certificate	CE
Warranty	24 month
EAN code	5901878524962

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