



# Qoltec Intelligent microprocessor charger 12V 8A | 24V 4A | Rectifier with repair function for AGM GEL battery | LCD

Product code: 52490

Intelligent microprocessor-controlled charger for charging 12V and 24V batteries with LCD display and repair function. Ideal for AGM, GEL, Lead-acid batteries in various types of vehicles such as cars, motorcycles, trucks, campers, boats. 3-stage microprocessor-controlled battery charging mode, gives you better performance and longer battery life. Does not charge LiFePO4 batteries.

## 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**.

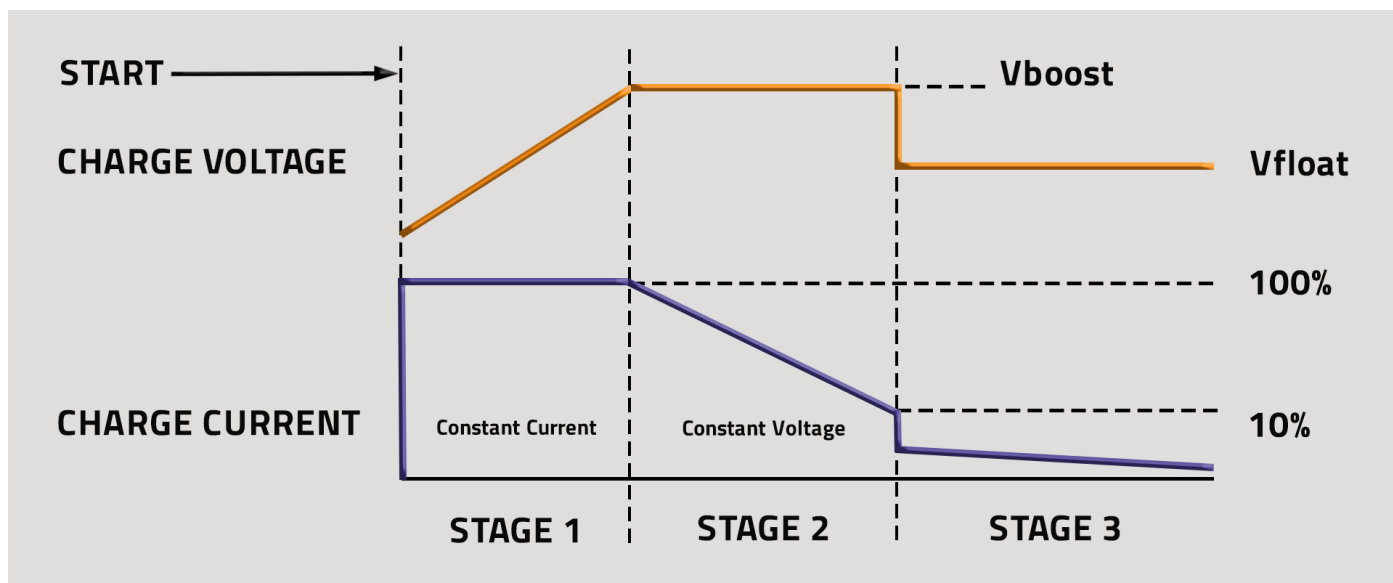
## EXCELLENT PERFORMANCE THROUGH INTELLIGENT CONTROL



Compatible with Different Types of Batteries, Compatible with 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 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**.

## 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
Power	130W
Input voltage	220 - 240 V
Output voltage	12V/24V
Type of charging	3 step charging mode
Output current	8A/4A
Battery capacity	CAR: 30Ah -150Ah MOTO : 6Ah - 30Ah
Battery charging voltage	14.6-14.8V
Charging time	Depending on battery capacity from 1h to 12h
Connector	Red + black crocodile type terminals
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	0.50m
Power cord length	1m
Usage	Maintenance-free batteries: AGM GEL WET SLA EFB DRY lead-acid
Additional information	Battery repair function 3-stage charging mode (CC,CV, Float)
Notices	Please read the enclosed operating instructions carefully
<b>OTHER PARAMETERS</b>	
Operating temperature	-30°C ~ +50°C
Dimensions (D/L x W x H)	95 x 170 x 67 mm
Package	Box
Package contents	1 x Charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	130
Package width [mm]	229
Package height [mm]	63
Net weight [kg]	0.590
Gross weight [kg]	0.640
Certificate	CE
Warranty	24 month
EAN code	5901878524900