



Qoltec Battery charger with repair function | Intelligent microprocessor charger | 12V | 6A | LED | 4 modes

Product code: 52483

The intelligent microprocessor-controlled charger for charging 12V batteries with LED display is a microprocessor genius in energy management. Ideal for AGM, GEL, SLA, WET batteries in various types of vehicles e.g. cars, motorbikes, trucks, campers, boats. It has 4 operating modes, tailored for each type of battery.

EXCELLENT EFFICIENCY THANKS TO INTELLIGENT CONTROL



Qoltec battery charger with 4 operating modes, suitable for various battery types

Choosing the right battery charger is extremely important if you want your battery to serve you for a long period of time. The wrong charger can result not only in longer charging times, but also in a significant reduction in the life of the battery.

The Qoltec brand charger is **microprocessor precision in charging**, it offers **4 modes**, which greatly simplifies the charging process, **you only need one charger for different battery types and supports**:

- **Car mode** for GEL, SLA, WET, DEEP CYCLE, EFB and calcium batteries,
- **AGM mode** dedicated to AGM batteries,
- **Moto mode** dedicated to batteries with a maximum charge current of 1.5A
- **Repair mode** for batteries that need reconditioning.

The time required to recharge depends on the battery's discharge rate and its actual capacity

. The charger is designed for charging batteries in cars, motorbikes, boats, lawnmowers, agricultural vehicles and quads.

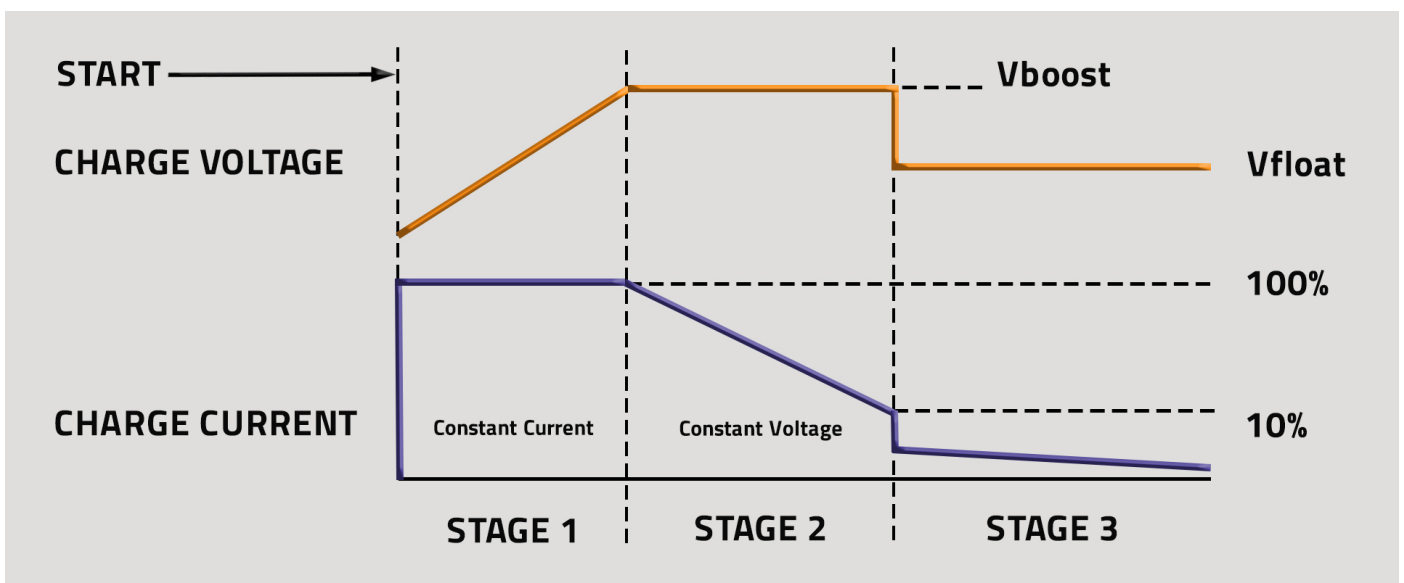


Rectifier with microprocessor, automatic switch-off after charging, advanced safety features, built-in fan for complete comfort of use

The microprocessor-controlled charger, guarantees total safety of use, is a personalised charge for each type of battery, automatically switches off when the battery is fully charged keeping the battery ready. So you don't have to worry about overcharging the battery.

You can now charge your battery safely and quickly. The product has advanced protection features including reverse polarity, overvoltage and overcharging protection. In addition, a built-in fan protects the device from overheating.

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



Precise 3-stage charging

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	2.5W
Input voltage	220 – 240 V
Output voltage	12V
Type of charging	3 step charging mode
Output current	6A
Battery capacity	4Ah – 120Ah
Charging time	Depending on battery capacity from 1h to 20h
Efficiency	>85%
Cooling system	1 x Fan
Display	LED
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 ; 0.67m
Usage	Lead-acid batteries Maintenance-free batteries AGM GEL WET STD
Additional information	Battery repair function 3-stage charging mode (CC,CV, Float)
Notices	Please read the enclosed operating instructions carefully
OTHER PARAMETERS	
Operating temperature	-20°C ~ +45°C
Dimensions (D/L x W x H)	82 x 150 x 58 mm
Package	Box
Package contents	1 x 12V charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	115
Package width [mm]	233
Package height [mm]	70
Net weight [kg]	0.420
Gross weight [kg]	0.497
Certificate	CE
Warranty	24 month
EAN code	5901878524832