



Qoltec Smart Battery Charger 12V 10A | Rectifier with repair function | MCU | Auto OFF | 9-stage charging | AGM, GEL, LiFePO4

Product code: 52668

This microprocessor-controlled smart charger for 12V/10A batteries, featuring an LCD display, is a microprocessor-powered marvel in energy management. Ideal for LiFePO4, AGM and GEL batteries in various types of vehicles, such as cars, motorbikes, lorries, motorhomes and boats. It features 5 operating modes, tailored to each type of battery. An advanced, 9-stage charging system ensures comprehensive battery management – from diagnostics, through the actual charging process, right through to trickle charge mode.

PUT YOUR TRUST IN OUR CHARGERS – ENJOY UNINTERRUPTED POWER



Microprocessor-controlled battery charger, automatic shut-off when fully charged, advanced safety features, built-in fan for complete user comfort

This microprocessor-controlled charger guarantees complete safety in use; it provides customised charging for every type of battery and automatically switches off once the battery is fully charged, keeping it in standby mode. So you don't need to worry about overcharging the battery. You can now charge your battery safely and quickly. The product features advanced safety functions, including protection against reverse polarity, overvoltage and overcharging. In addition, a built-in fan protects the device from overheating.

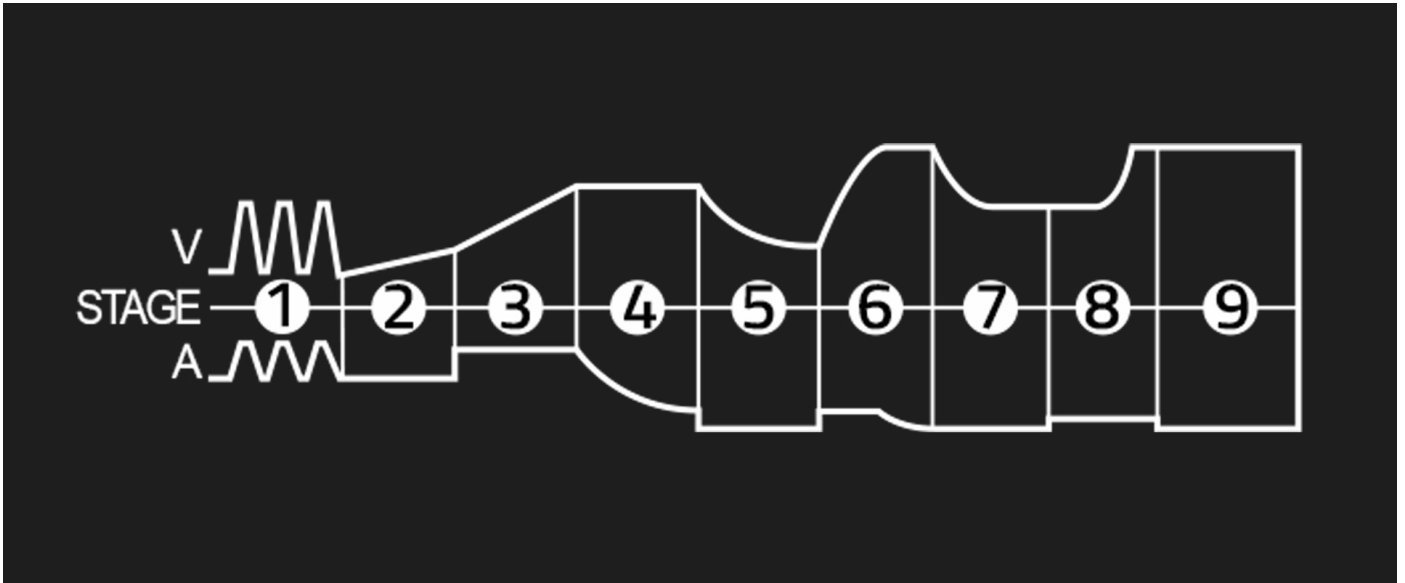
EXCELLENT PERFORMANCE THANKS TO INTELLIGENT CONTROL



Suitable for various types of batteries; compatible with LiFePO4, AGM and GEL batteries

Choosing the right charger for your battery is extremely important if you want your battery to last for a long time. An unsuitable charger can result not only in longer charging times, but also in a significant reduction in the battery's service life. The Qoltec charger offers **microprocessor-controlled precision charging**; a single charger is sufficient for various types of batteries. **The time required to charge the battery depends on how deeply it is discharged and its actual capacity** . The charger is designed for charging batteries in cars, motorbikes, boats, lawnmowers, agricultural vehicles and quad bikes.

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 the battery status and charging parameters, a modern MODE touch button

The charger features a **large, easy-to-read LCD display**, making it easy to monitor the charging process and key parameters. You can constantly monitor the battery's status, check the voltage and current, and view the currently selected mode, making **the device easy and intuitive to use, not just for specialists**. Thanks to the 'MODE' touch button, operating the charger is even simpler and more intuitive.

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 easy connection of the charger to the battery

Connecting the charger is quick and easy; simply attach the clamps to the battery terminals correctly. **Connect the red terminal to the positive terminal and the black one to the negative terminal.** Any vehicle owner should be able to manage this. Once the charger has been connected to the mains and the appropriate mode has been selected, the charger is ready to charge.

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
Output current	10A
Battery capacity	2Ah-200Ah
Charging time	Depending on battery capacity
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	~0.60m
Functions	Battery repair function Microprocessor-controlled Summer/winter mode Built-in temperature sensor
Usage	Lead-acid batteries 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)	64 x 160 x 85 mm
Package	Box
Package contents	1 x Charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	120
Package width [mm]	240
Package height [mm]	62
Net weight [kg]	0.421
Gross weight [kg]	0.495
Certificate	CE
EAN code	5901878526683