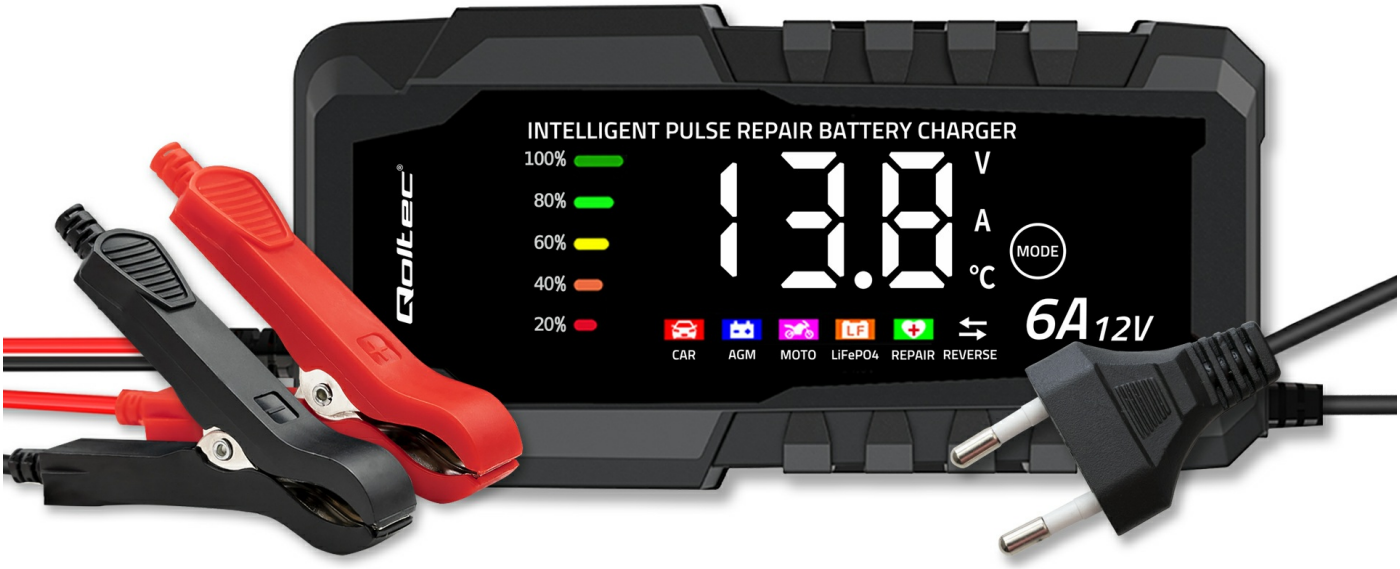


Qoltec Intelligent microprocessor charger 12V 6A | Rectifier with repair function for AGM GEL LiFePO4 battery | LCD

Product code: 52494

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.

TRUST OUR CHARGERS – ENJOY UNINTERRUPTED POWER



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**.

Smart Memory Function

The charger features a smart memory function. Once charging is complete and the device is restarted, the charger will automatically return to the last operating mode used. This function makes the charger easier to use and ensures a convenient user experience.

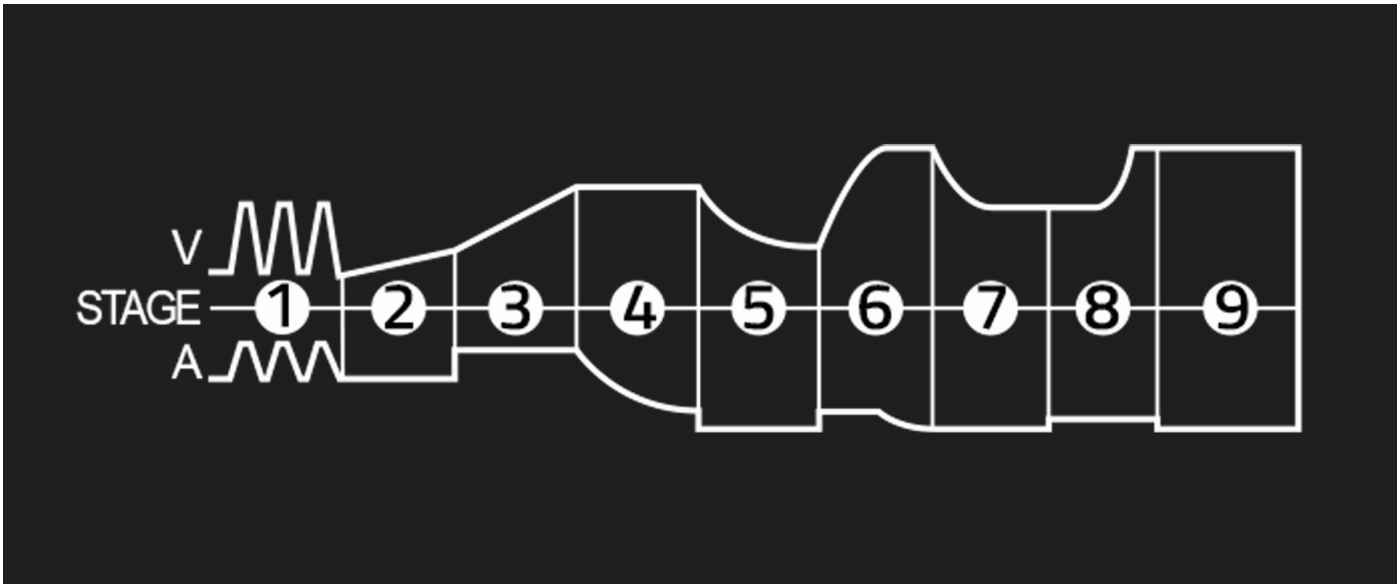
EXCELLENT PERFORMANCE THROUGH INTELLIGENT CONTROL



Compatible with AGM, GEL, SLA, WET, Calcium, and LiFePO 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.

A PROFESSIONAL APPROACH TO OPTIMAL CHARGING AND LONG-LASTING BATTERY PERFORMANCE



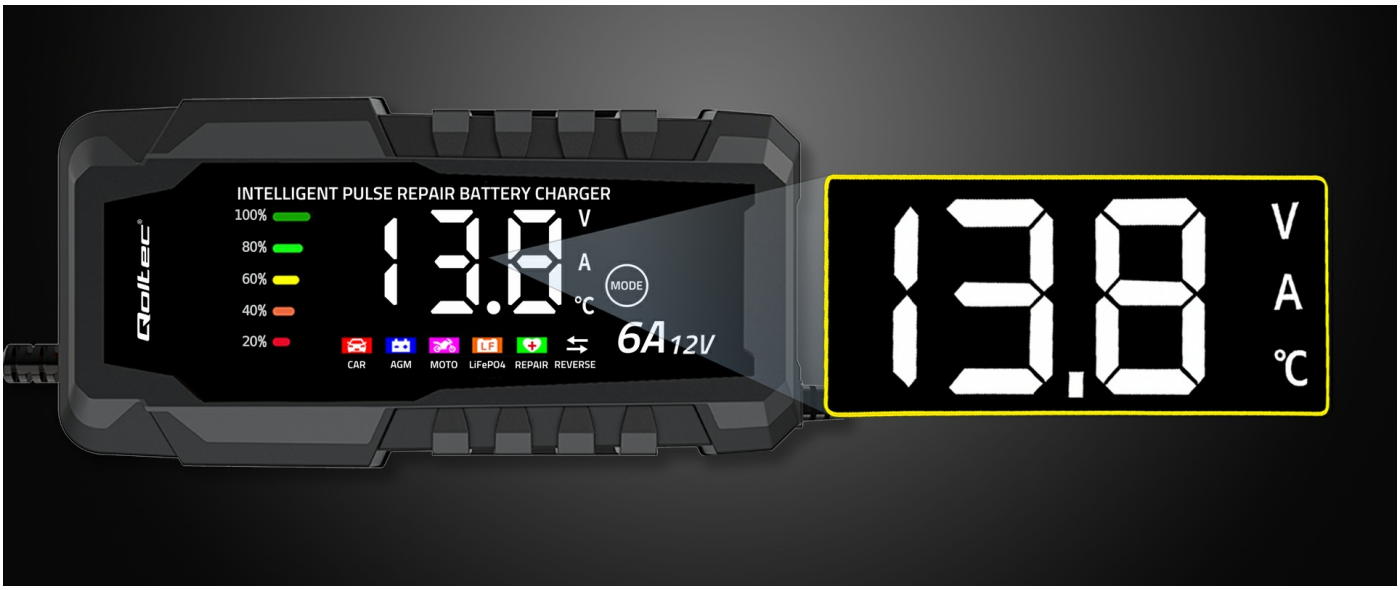
Precise Charging with integrated desulphurisation and maintenance stage

The Qoltec smart charger, with its **8-stage automatic charging mode with integrated desulphurisation and maintenance stage, provides exceptional battery protection and ensures optimum performance.**

The charging process consists of **8 stages**:

- **Battery detection**
- **Desulphurisation - regeneration, helps to extend the life of the battery being charged,**
- **Soft start - starting charging with a low current,**
- **Main charging - charging with a constant current,**
- **Absorption charging - charging with a constant voltage,**
- **Repair**
- **Maintenance charging - when the battery is fully charged, it automatically switches to maintenance mode**
- **Conservation - maintaining a full charge**
- **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**.

IT WILL ENSURE THE REGENERATION AND MAXIMUM SERVICE LIFE OF YOUR BATTERY



Qoltec charger – ideal for LiFePO4 batteries
Are you looking for a charger that can handle modern LiFePO4 batteries? The Qoltec Pulse Repair smart charger has **been designed for efficient and safe charging of lithium iron phosphate batteries.** Thanks to automatic battery type recognition and adjustment of operating parameters, **the device ensures fast, precise and safe charging – without the risk of overcharging or overheating the cells.** This equipment is perfect for garages, workshops and home PV installations. With Qoltec, you can be sure that your LiFePO4 battery will always be ready for use!

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
Battery voltage	12V
Maximum charging current	6A
Type of charging	9 step charging mode
Battery capacity	4Ah-100Ah
Battery charging voltage	13.8-15.5V
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	0.51m
Power cord length	0.59m
Functions	Battery repair function
Usage	Maintenance-free batteries: AGM GEL WET SLA LiFePO4
OTHER PARAMETERS	
Colour	Black, grey
Material	Plastic
Operating temperature	-30°C ~ +60°C
Dimensions (D/L x W x H)	60 x 160 x 75mm
Package	Box
Package contents	1 x Charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	120
Package width [mm]	225
Package height [mm]	65
Net weight [kg]	0.360
Gross weight [kg]	0.412
Certificate	CE
Warranty	24 month
EAN code	5901878524948