

Qoltec Intelligent microprocessor charger 12V 24V 25A | Rectifier with repair function for AGM GEL SLA battery | LCD

Product code: 52514

Intelligent microprocessor charger with two operating ranges: 12V 25A and 24V 12A. Supports batteries with a capacity of 20Ah to 300Ah of the AGM, GEL, SLA (VRLA), WET (classic flooded) and Calcium (Ca-Ca) types. The microprocessor automatically selects the parameters for the type and condition of the battery. In addition, the device has a repair function that allows the regeneration of sulphated or long-unused batteries.

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**.

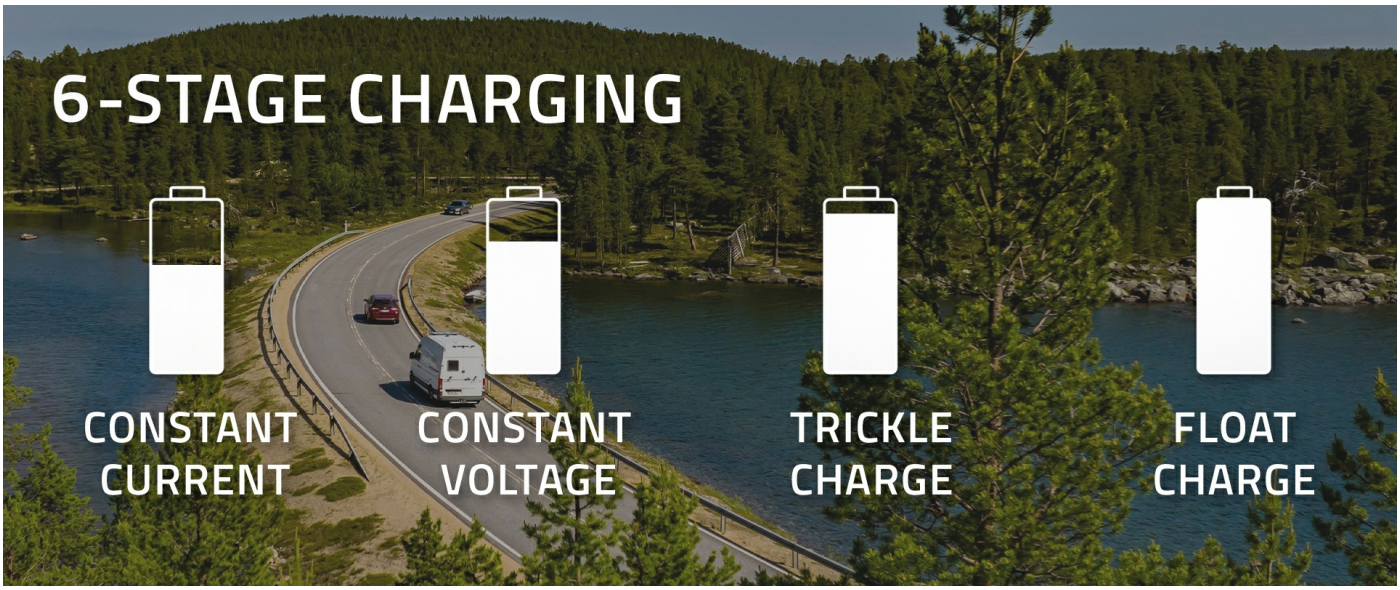
EXCELLENT PERFORMANCE THROUGH INTELLIGENT CONTROL



Compatible with AGM, GEL, WET, SLA, Calcium 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



6-stage charging – maximum battery life
The charger provides a **6-stage charging process**. Each stage is controlled by an electronic circuit, allowing the device to adjust the voltage and current to the current state of the battery.

- **Diagnosis –** the charger analyses the condition of the battery,
- **Bulk Charge –** intensive charging with a constant current of 5A until the nominal voltage is reached,
- **Absorption Charge –** the voltage is maintained at a constant level and the current gradually decreases to avoid overcharging,
- **Float Charge –** the charger maintains a float voltage, preventing the battery from self-discharging,
- **Trickle Current (pulse charging) – Gentle recharging with low current in cycles, which stabilises the voltage and prevents degradation during long periods of inactivity,**
- **Monitoring (Stand-by / no load) – after full charging, the battery goes into standby mode and is periodically monitored and recharged as needed.**

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	300W
Input voltage	220 - 240 V
Output voltage	12V/24V
Type of charging	6 step charging mode
Battery capacity	20Ah-300Ah
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	1.18m
Functions	Battery repair function
Usage	Maintenance-free batteries: AGM GEL SLA WET Calcium
Additional information	With cable organizers
OTHER PARAMETERS	
Colour	Black
Material	Plastic
Operating temperature	-30°C ~ +50°C
Dimensions (D/L x W x H)	135 x 170 x 65 mm
Package	Box
Package contents	1 x Charger 1 x Warranty card 1 x Operating instructions
Package depth / length [mm]	110
Package width [mm]	220
Package height [mm]	195
Net weight [kg]	0.657
Gross weight [kg]	0.772
Certificate	CE
Warranty	24 month
EAN code	5901878525143