Qoltec AGM battery | 12V | 72Ah | max. 1080A | 22.5kg

Product code: 53063

The AGM battery is designed for use in alarm systems, emergency power monitoring and other situations where the battery is cycled. The product does not contain liquid electrolyte, which significantly reduces the risk of leakage and damage. Resistant to shock and vibration , ideally for use in difficult conditions.

YOUR STABLE ENERGY SOURCE FOR EVERYDAY AND HOLIDAY

Scope of application of AGM batteries

While performing daily activities or being at work, you certainly use devices that need electricity to function properly. Some of them draw power from the grid and are exposed to voltage fluctuations or power outages. For smooth operation, it is necessary to have an emergency power source. These include:

- alarm and monitoring systems,
- emergency lighting,
- medical equipment,
- scales and cash registers.

Others have internal combustion engines and rely solely on battery power. Among them are:

- quads,
- forklifts,
- scooters,
- boats,
- campers.

To provide them with a stable and safe power source, we have prepared a wide range of solutions. **Check out Qoltec's offer of AGM batteries** and choose the variant that best suits your needs.

ONE BATTERY, TWO OPERATING OPTIONS. CHECK WHICH ONE IS FOR YOU.

Wondering **where our battery is best applied?** As a primary power source or as a backup power supply for devices usually connected to the electrical grid? We'll answer honestly: we recommend using the 100Ah AGM battery for buffer operation. Why?

Buffer operation mode is recommended for AGM technology

The battery used will function very efficiently and enjoy a long lifespan - up to **10 years, as emergency power in buffer operation** e.g., for UPS power supplies, in alarm systems, emergency lighting, or internal combustion vehicles.

For use in cyclical operation mode, we recommend our expanding range of Gel, Deep Cycle, and LiFePO4 batteries

WHAT IS AGM TECHNOLOGY?

AGM technology allows for longer battery life

The **AGM** (Absorbent Glass Mat) technology, in which our batteries are designed, means that the electrolyte contained in the battery is absorbed by special mats made of highly porous glass fiber placed between lead plates covered with mats. **This solution allows for longer battery life, thanks to the slow discharge process** . More on this topic can be found in our article **"AGM Batteries - What Are They and What Do They Offer"**.

RELIABLE FROM EVERY ANGLE - THE SAFETY OF YOUR AGM BATTERY-POWERED DEVICES

Special construction ensures maintenance-free and safe use

Feel safe – the advantage of AGM batteries is undoubtedly their **maintenance-free nature**, and their **reliability** is maintained for a long time. This is possible thanks to a construction characterized by:

- enclosure sealing,
- shock resistance,
- the ability to be mounted in various positions.

When you buy a 100Ah AGM battery, you receive **full reliability guarantee**. Do you want your equipment to work at full capacity without limitations? Now you can be sure it will receive the necessary energy without compromise.

LONG-LASTING BATTERY LIFE - ENJOY ENERGY FOR MUCH LONGER!

Highest quality components ensure long-term use

Another advantage of our batteries is their **maintenance-free lifespan**, allowing them to work **up to 10 years!**

This is possible thanks to the use of the highest quality components, including **pure** (non-recycled) **lead**. It is free from any impurities that could reduce the battery's capacity. Meanwhile, the housing is designed with **high-quality material** in mind to maximize the battery's lifespan by protecting its interior.

TAKE CARE OF YOUR BATTERY, AND IT WILL SERVE YOU FOR MANY YEARS

Proper usage requires following these guidelines

Remember, proper use and care of the AGM battery are crucial for its lifespan. **Frequent and deep discharge will certainly not positively affect its efficiency.** To enjoy a long battery life, **try to:**

- avoid deep discharge,
- ensure proper charging **- do not charge the battery with too high a current,**
- avoid very low temperatures or prolonged exposure to high temperatures
- use a charger suitable for the specific type of battery.

HOW TO PROPERLY CHARGE AN AGM BATTERY FOR ITS LONGEST LIFESPAN?

It is recommended to use a dedicated charger for the battery

AGM batteries **require charging with the so-called constant-voltage method, initially with direct current, and then with constant voltage.** We offer **intelligent chargers** that are perfect for this type of battery. This way, you can avoid the risk of damaging it through improper charging.

TRUST CONFIRMED BY WARRANTY

Product covered by a 24-month warranty

You care about the quality of the product you buy, so **our designs and solutions are aimed at meeting your expectations.** Each battery offered by us is covered by a warranty for 24 months from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Rated capacity	72 Ah
Voltage	12V
Maximum charging current	21A
Max. Discharge Current	700A (5sec)
Float charge	13.50-13.80V
Cyclic charge	14.4 V - 15.0 V
Connector	T14 M6 x 16
Internal resistance	6m
Capacity affected by temperature (10HR)	40 : 102% 25 : 100% 0 : 85% - 15 : 65 %
Capacity (25)	10HR (10.8V) : 70Ah 3 HR (10.8V) : 52.5 Ah 1 HR (10.5V) : 39 Ah
Self-discharge (25)	3 months : 91% 6 months : 82 % 12 months : 65 %
Designed lifespan	10 years (When working with a UPS)
OTHER PARAMETERS	
Temperature range	Discharge : - 15 ~50 Charge : - 15 ~50 Storage : - 15 ~50
Dimensions (D/L x W x H)	167 x 260 x 210 mm
Package depth / length [mm]	180
Package width [mm]	275
Package height [mm]	265
Net weight [kg]	22.500
Gross weight [kg]	23.500
Warranty	24 months for buffer operation | No warranty for cyclic operation
EAN code	5901878530635