

# Ecobat Portable for echo sounders AGM Battery 12V



ECOBAT  
BATTERY TECHNOLOGIES

Ecobat

Product number: EB-AGM-12V

Small, light AGM battery particularly for echo sounders and lights.

from 24,49 €\* 24,49 €

Due to their small size (smaller than a bait box) and their low weight (less than 3kg), these AGM batteries are particularly suitable for use with small-scale equipment such as echosounders or boat lights. The comparatively low capacity of 7 Ah or 9 Ah is still sufficient to use echosounders for many hours at full power. The [Humminbird Helix 7 CHIRP SI GPS](#), for example, has a power consumption of 1.2 A. With the 9 Ah AGM battery, this sonar could be used for up to 7 hours.

Every battery is manufactured and individually tested while using the latest and most innovative techniques. Batteries are manufactured with factory-made, thick-meshed flat plates, that take huge amounts of paste. Due to this technique the battery provides a very high cold testing current and an excellent power restoring after deep discharges. The required electrolyte, that steadily provides the optimal capability, gets absorbed into fibre-glass separators between the positive and negative plates and even prevents the battery from leaking. The poles are casted in epoxy resin and therefore 100% tightly closed. Batteries are equipped with safety valves against overpressure that open between 0.07 kPa and 0.43 kPa.

- Maintenance-free, green and safe energy
- Maximal capacity, maximal autonomy
- Complete product line
- Premium quality - extremely robust and reliable
- Batteries conform the EU and US standards
- Minimal self-drain on longer down times

Unlike lithium batteries, AGM batteries are easy to connect in series and can therefore be perfectly adapted to your needs. To increase the capacity (Ah), simply connect the 2 negative (--) and positive (++) poles. As a result, for example, two 105 Ah (12V) AGM batteries can be combined to form a "210 Ah" (12V) battery.

The total voltage is then tapped at the positive pole of one and the negative pole of the other battery.

On the other hand, if you need a higher voltage, connect one positive pole to the negative pole (+-) of the other battery, and then two 105 Ah (12V) batteries will form a 105 Ah (24V) battery. The decrease of the total voltage takes place at the free pole of each battery.

In both cases, only batteries of the same capacity and voltage should be used because batteries tend to align. So a "worse" battery would worsen the conditions of a "better" one.

**Please mind when buying a battery resp. a matching charger, that the battery's ampere-hour number (Ah) should be approx. 10 times higher than the charger's power to ensure that one charging cycle won't take much longer than 8 - 10 hours.**

\* incl. tax, plus [shipping](#)