

Features

- **Maintenance Free:** Manufactured with thick absorbent glass mat (AGM) separators and advanced valve regulated technology, Renogy Deep Cycle AGM Batteries save you from acid leakage and frequent maintenance
- **Excellent Discharge Performance:** Proprietary quinary alloy plates and specially treated plate grids enable low internal resistance and high discharge currents of up to 10 times the battery rated capacity
- **Long Shelf Life:** Made of high purity materials, Renogy Deep Cycle AGM Batteries reduce the monthly self-discharge rate below 3% at 77°F (25°C), which is 5 times lower than their flooded counterparts
- **Wide Operation Temperature Range:** Improved electrolyte formula ensures stable battery capacity and outstanding discharge performance at low temperatures below 32°F (0°C)
- **NOTE:** We highly recommend installing the battery upright. It is allowed to install the battery on its side only if there are special reasons for doing so. **DO NOT** install the battery upside down.

FAQ

1.Q:Do they come with the terminal bolts? if not what size do they take?

A:This Renogy AGM battery comes with two M8 x 1.25 x 20 mm terminal bolts.

2.Q:Can I connect batteries in series and in parallel?

A:Yes, you can. The maximum number that can be connected in parallel is 4. In series, there are no limitations.

3.Q:Can I connect a 100 Ah battery to a 200 Ah battery?

A:No, you can't. All the batteries you connect together should be the same capacity (Ah), the same voltage (V), and most importantly, the same battery type (AGM). And it would be better if they come from the same brand.

4.Q:What's the best way to place and store this battery?

A:It's a sealed battery and we recommend placing the battery upright. It is allowed to be placed and installed on its side only if there are special reasons for doing so. **DO NOT** place the battery upside down. You should store it in a dry and cool (5°F~104°F / -15°C~40°C) place. Make sure that it is 100% charged before storing it, and recharge after three months.

5.Q:Can I discharge the battery to 0% and then recharge it again?



A: To avoid cycle life shortening, it is recommended not to discharge the battery below 50%. And when not in use, we recommend charging it 100% before storing it and recharging it after three months.

6.Q: I will go to live in my forest cabin during the winter holiday. So I want to know that can this battery be used at freezing temperatures?

A: The discharge working temperature range is 5°F~122°F (-15°C~50°C) and the charge temperature range is 5°F~104°F (-15°C~40°C). Using this battery at a lower or higher temperature than the range will shorten the battery's lifespan. We recommend checking the specific daily temperature of the place you will be going before using this AGM battery.

7.Q: When using a charge controller, which battery type should I set?

A: You should choose the SLD battery settings.

8. Q: What group size is the battery box? Can I use this battery box for my other sized batteries?

A: This battery box fits most Group 24-31 batteries. If you want to get extra boxes to protect your battery, secure it in place, and limit movement while tackling rugged environments, you can check out our Accessories catalog.

Warning

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