Best lithium leisure battery uk



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Update September 2024: Prices have dropped still further and the safety technology has improved out of sight compared to before. That being the case, LiFePO4 batteries for this application are now are now pretty much a no brainer.

The Renogy battery (see on Amazon) had been No.1 for several years, but in our 2024 update Eco Worthy has become the top name for quality, and is the No.1 in the UK, see price and specs here.

Analysis: If the Renogy battery was the breakthrough battery in terms of being the first high quality LiFePO4 battery with advanced BMS and lower price (a price point where it works out much cheaper than lead-acid), then this Eco Worthy 100Ah battery is the breakthrough for being exceptionally low price, but still having quality internal Lithium cells and BMS.

At 3000 life cycles, it's a very long-lasting battery. That means as much as 15-20 times longer lasting than a lead-acid battery. 3000 life cycles is very likely to be at 50% DoD - that means the battery should achieve 3000 cycles if you consistently discharge only to 50% each time and then recharge.

When you see the many advantages compared to lead-acid batteries, it becomes a much more simple decision than even a year or two ago, when it just wasn't possible to get a quality LiFePO4 battery below ?1000.

Verdict: We believe it still has the best BMS on the market, and the best quality battery all round. The reason it's no.2 on our list is that the Eco Worthy battery is a similarly high-end battery at a considerably cheaper price.

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Web: https://sumthingtasty.co.za/contact-us/ Email: energystorage2000@gmail.com WhatsApp: 8613816583346

