



48v lithium ion battery 100ah

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The Pylontech US5000C is an advanced lithium-ion battery offering 4.8kWh of energy storage, designed for optimal performance in solar and off-grid systems. This new version boasts a superior C rate, improving charge and discharge times. For example, at 1C, the battery fully discharges in 1 hour, while at 0.5C, it discharges in 2 hours. Thanks to upgraded BMS software, the US5000C delivers enhanced performance and remains fully compatible with the original Pylontech US5000 model.

This 4.8kWh Pylontech lithium battery comes with built-in Battery Management System (BMS), available at the lowest price in the UK (including delivery costs). It's fully compatible with over 35 leading solar inverters, requiring no extra communication hubs for expansion. Ideal for hybrid, off-grid, and self-consumption systems. For VAT-exempt purchases, contact us for 0% VAT supply and installation.

This state-of-the-art lithium iron phosphate (LFP) battery offers a 10-year warranty and 95% Depth of Discharge (DoD). The modular design supports easy scalability, allowing multiple units to be daisy-chained for larger installations. Our largest installation to date has reached 300kWh using 64 battery units, demonstrating the scalability and reliability of the Pylontech system.

The Pylontech US5000C is one of the most reliable lithium batteries on the market, ideal for off-grid, hybrid, and self-consumption solar systems. It offers seamless integration with 35 compatible inverters, ensuring efficient and scalable energy storage solutions. Whether you're expanding an existing system or installing a new one, the US5000C delivers superior performance and longevity at the best price in the UK.

In the Download section (located underneath the Add to Cart button), we've provided a comprehensive list of compatible inverters, including 35 brands, such as our Voltacon off-grid and hybrid converters. Download user manuals, installation guides, and technical specifications to help you get the most out of your Pylontech US5000C battery.

If you are unhappy in any way with your purchase, you can return it for a refund or a replacement, as long as you return it in the same condition as it arrived (original/undamaged packaging and product) and within 30 days of receiving it. We will pay for your return postage on a faulty item as long as you send it using Royal Mail 2nd class recorded delivery (for EU or International Shipments, you have to use our UPS account, we will provide you with a return label)

IMPORTANT: We need to be able to identify an item with your order. We can only do this if you follow our returns process. Please do not send us items back that do not follow this process as they cannot be identified properly and will not be replaced or refunded.

If you have a warranty and want to return a faulty item, you just need to follow our standard returns process.



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When we receive your item, we will then check that it's within warranty and for any faults before arranging a replacement.

Great comms as I had a few questions before ordering an extra battery. It was dispatched within a day but too quick for us as we weren't in but got redelivered. Well packaged and easy to install. Thank you!

Contact us for free full report

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