



60 kWh energy storage battery pack

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The ABS1000 GridPack battery targets larger-scale applications, such as grid-level storage and industrial power backup. With a capacity of 1 MWh, this high-performance battery system ensures a stable and uninterrupted power supply, contributing to grid stability and reducing reliance on fossil fuels. The preliminary specifications for the ABS1000 GridPack battery positions Altech as a frontrunner in the grid storage market, offering a technologically advanced and commercially viable solution to meet the industry's evolving needs.

The Altech GridPacks have been engineered to ensure complete protection from both dust and any external environments. This means that there is no need for any additional shelters or buildings to house the Altech GridPack batteries, and they can be safely installed outdoors in any weather conditions. The Altech GridPacks will be constructed using a sea container design, which facilitates their easy transportation by sea or road to the installation site, as well as ensuring simple installation.

Unlike other mega battery pack designs on the market, these GridPacks can be stacked on top of each other. The ability of the GridPacks to be stacked minimises the battery footprint and permits easy scalability to meet any energy storage requirements. The stackable feature, coupled with the 'plug and play' design, makes the GridPacks the obvious choice for BESS solutions to meet any future energy storage requirements.

The Altech GridPacks are also designed without the requirement for any moving parts such as cooling fans, which are typically found in lithium-ion battery mega packs. This is a notable advantage, as end-users have raised concerns about the noise generated by mega packs, preventing them from being placed near residential areas. With the absence of any moving parts, the Altech GridPacks are practically maintenance-free and completely noise-free in operation, making them an ideal solution for remote and noise-sensitive environments.

The 60 KWh Battery Pack (ABS60) is rated at an operating voltage of 600 volts and 100 amp (Ah). The battery is designed to provide battery backup and excellent performance in grid-tied commercial applications for an uninterrupted power supply.

The 60kWh system is a reliable and efficient solar energy solution. It consists of six battery modules, each with a capacity of 10.24kWh. Operating at a voltage range of 576V to 672V, it is suitable for household, urban, commercial, and industrial power applications.

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The Delong 60kWh high voltage battery pack has a rated voltage of 614.4V. Designed with a modular structure, it offers you flexibility in operation. This 60kWh solar battery delivers excellent discharge performance and comprehensive safety features. With a round-trip efficiency of over 95%, it maximizes energy utilization, ensuring cost recovery and greater benefits. The compact high-voltage system, measuring 780 x 520 x 250mm and weighing 566kg, is ideal for applications requiring high power output but with limited installation space.

Delong 60kWh battery pack utilizes Grade A lifepo4 cells. These prismatic cells have undergone rigorous selection and testing processes. They exhibit a high degree of consistency in performance, capacity, voltage, and charge-discharge characteristics.

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