



Energy storage software 80 kWh

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The 80 kWh Energy Storage System (ESS) represents a sophisticated commercial energy storage solution meticulously crafted to cater to the distinctive demands of diverse industries. Comprising eight sets of battery units, each harboring a formidable 10.75 kWh energy capacity, the ESS culminates in an impressive total storage capability of 80 kWh. The bedrock of this innovation is anchored in 105Ah LiFePO₄ cells, meticulously interwoven in a 2 parallel and 16 series configuration, yielding a precise nominal voltage of 51.2V per unit. The system's orchestration is entrusted to a Battery Control Unit (BCU), overseeing judicious energy management.

One of the ESS's cardinal attributes is its innate scalability, facilitated by a rackable design that seamlessly accommodates additional battery units, addressing evolving energy requirements. Beyond its modular architecture, the ESS showcases its versatility through compatibility with an array of energy infrastructure setups.

This multifaceted ESS is characterized by its adaptability to a spectrum of applications. From demand charge optimization and peak shaving to the integration of renewable energy sources and fortifying grid stability, its footprint spans diverse commercial contexts. This embodiment of advanced LiFePO₄ technology, coupled with its scalable nature, underscores its potential as a pivotal asset for industries seeking efficient energy management, cost reduction, and energy resilience.

In essence, the 80 kWh ESS resonates as a testament to innovation, poised to recalibrate energy paradigms and empower industries to embrace a more dynamic, efficient, and sustainable energy landscape.

Maximum Battery DC Voltage

External linked, for all rack battery information display

Optional, need to define before place order

Standard 19" rack mounted, 446 x 245 x 587

Cables and touch screen monitor

Maximum Discharge Current



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