



280 kWh battery energy storage solution

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Introducing the IES-BATT-229R battery module, a high-capacity energy storage solution engineered for diverse applications. With an impressive capacity of 229.376 kWh and utilizing advanced LFP (LiFePO₄) cell technology, this battery module ensures reliable and efficient energy storage.

Comprising sixteen modules and boasting a nominal voltage of 819.2V, this battery module provides scalable energy storage options tailored to meet varying demands. Its wide operating voltage range of 729.6V to 898.5V ensures compatibility with a range of power systems and applications.

Featuring a robust communication interface including Ethernet, CAN, and RS485, this battery module enables seamless integration into existing energy management systems, providing real-time monitoring and control capabilities. The SOC status indicator, LED indicator, and LCD display offer intuitive feedback on battery performance and status.

Built to withstand demanding environmental conditions, this battery module possesses an IP20 protection rating, ensuring reliable operation even in harsh environments. With an operating temperature range of -20 to 60 °C and environmental humidity up to 95%RH (no condensation), it delivers consistent performance in diverse settings.

Compliant with industry standards and certifications including UN38.3, IEC62619, UL1642, and more, this battery module meets stringent safety and performance requirements. Whether for on-grid, off-grid, or backup applications, it offers versatile and reliable energy storage solutions for a wide range of scenarios.

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