

Kongres Container

500kw energy storage power generation



Overview

What is a Megatrons 500KW battery energy storage solution?

MEGATRONS 500kW Battery Energy Storage Solution is the ideal fit for commercial applications. Utilizing Tier 1 LFP battery cells, each commercial BESS is designed for a install friendly plug-and-play commissioning. Each system is constructed in a environmentally controlled container including fire suppression.

What voltages are available for a battery energy storage system?

All system systems are offered with either 400VAC or 480VAC 3 phase interconnect voltages. Each commercial and industrial battery energy storage system includes Lithium Iron Phosphate (LiFePO₄) battery packs connected in high voltage DC configurations.

What is included in A 500KW solar panel plant?

The 500kW solar panel plant consists of 840 x 600w solar panels, 15 x PV combiner boxes, 15 x MPPT solar controllers, 2 x 250kW IGBT three-phase hybrid solar inverters (total 500kW hybrid solar inverter), 180 x 2v2000ah gel batteries, Special battery and solar panel rack, wire and professional installation tools, etc.

What is the difference between energypack P350 and P500?

The EnergyPack P350 and P500 are designed to meet the demands of applications with high energy and sudden load requirements. The P350 has a power capacity of 376 kWh, while the P500 offers 564 kWh. Both systems excel in effectively covering low and peak loads, making them versatile solutions for a wide range of scenarios.

How does a P500 optimize a diesel generator?

The P500 optimizes diesel generator operation by storing excess energy when the load demand is low and releasing stored energy when peak power is

needed. This minimizes generator runtime, reduces fuel usage by up to 40%, and extends generator lifespan.

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Contact Us

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