

## ContainerPower Energy Solutions

# Outdoor 1500V battery cabinet



## Overview

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Security Design Module short circuit protection Maintenance Convenience Design Concise Interface Design Hidden wiring harness design Compatibility Design Module 3U, suitable for 19-inch cabinet E.

What is a Megatron 1500V Battery Cabinet?

MEGATRON 1500V 344kWh liquid-cooled and 340kWh air cooled energy storage battery cabinets are an integrated high energy density, long lasting, battery energy storage system.

What is included in a battery cabinet?

Each battery cabinet includes an IP56 battery rack system, battery management system (BMS), fire suppression system (FSS), HVAC thermal management system and auxiliary distribution system. Outdoor liquid cooled and air cooled cabinets can be paired together utilizing a high voltage/current battery combiner box.

What are outdoor cabinets?

Outdoor cabinets are manufactured to be a install ready and cost effective part of the total on-grid, hybrid, off-grid commercial/industrial or utility scale battery energy storage system. BESS string setup examples are: Battery Packs utilize 280Ah Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery cells connected in series/parallel.

Can 340kwh rack systems be paired with a 1500V PCs inverter?

340kWh rack systems can be paired with 1500V PCS inverters such as DELTA to complete fully functioning battery energy storage systems. Commercial Battery Energy Storage System Sizes Based on 340kWh Air Cooled Battery Cabinets.

How many kWh LFP (LiFePO<sub>4</sub>) in a 30 kW battery cabinet?

30 kW 28.7 ~ 68.8 kWh LFP (LiFePO<sub>4</sub>) IP21 Max. Charging/Discharging Current Max. Charging/Discharging Current AlphaESS is able to provide outdoor

battery cabinet solutions that are stable and flexible for the requirements of all our customer's battery and energy storage demands. Click to learn more about AlphaESS outdoor battery cabinet price now!.

What is a 373kwh outdoor cabinet?

Each outdoor cabinet is IP56 constructed in a environmentally controlled liquid cooled cabinet including fire suppression. Multiple 373kWh cabinets can be installed together creating up to 4472kWh energy storage blocks. Designed for 373kWh's to 100MWh+ systems.

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### Contact Us

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