

PIENAAR ENERGY (PTY) LTD

Large-capacity integrated energy storage cabinet for water plants



Overview

Engineered for high-capacity commercial and industrial applications, this all-in-one outdoor solution integrates lithium iron phosphate batteries, modular PCS, intelligent EMS/BMS, and fire/environmental control—all within a compact, front-access cabinet. Experience enhanced performance and smart thermal management with the Sunway 100kW/261kWh Liquid-Cooled Energy Storage System. We have delivered hundreds of projects covering most of the commercial applications such as demand charge management, PV self-consumption and back-up power, fuel saving solutions, micro-grid and. From 60 kWh to 2 MWh, whether it's for large-scale industrial operations or small commercial settings, Lithium Valley's energy storage solutions offer a flexible and adaptable solution to meet the diverse needs of clients. The System offers flexible and modular capacity options from 20kWh to. GSL ENERGY's All-in-One Liquid-Cooled Energy Storage Systems offer advanced thermal management and compact integration for commercial and industrial applications. Ranging from 208kWh to 418kWh, each BESS cabinet features liquid cooling for precise temperature control, integrated fire protection. Thanks to its high energy density design, eFlex maximizes the energy stored per unit of space, drastically reducing land and construction costs. Featuring a high-efficiency liquid cooling system, it ensures superior thermal balance, longer battery life, and stable performance under various environmental.

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Industrial & Commercial Energy Storage System

It integrates multi-stage safety protections - including package/cabinet-level aerosol fire suppression, overcharge/over-discharge/overtemperature guards - and features high integration for easy ...

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373kWh Liquid Cooled Energy Storage System

The MEGATRONS 373kWh Battery Energy Storage Solution is an ideal solution for medium to large scale energy storage projects. Utilizing Tier 1 LFP battery cells, each battery cabinet is designed for ...



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Liquid Cooling Energy Storage Systems , All-in-One BESS Cabinet ...

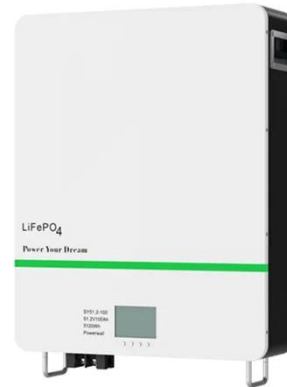


Discover GSL ENERGY's high-capacity all-in-one liquid cooling energy storage systems from 208kWh to 418kWh. Designed for commercial and industrial ESS, with advanced thermal management, long ...

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261kWh Liquid Cooling Energy Storage System , Wenergy

The 261kWh liquid-cooled BESS is an advanced outdoor energy storage cabinet designed for commercial and industrial applications. Featuring a high-efficiency liquid cooling system, it ensures ...



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Large Scale C& I Liquid and Air cooling energy storage system

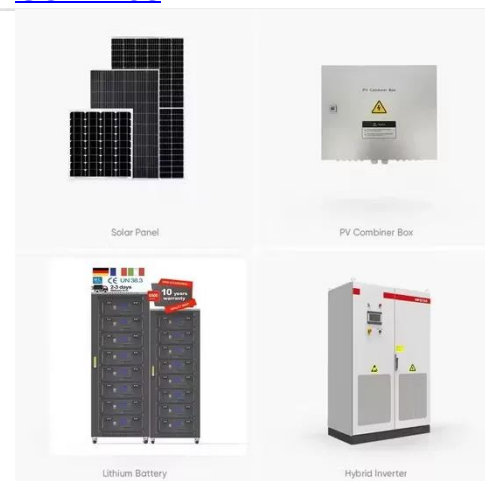
The Battery Cabinet is an all-in-one energy storage solution featuring LFP (lithium iron phosphate) batteries, liquid-cooling technology, fire suppression, and monitoring systems for safe and efficient ...

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Cabinet Energy Storage System , VREMT

Discover our high-efficiency, modular battery systems with zero capacity loss and rapid multi-cabinet response. Ideal for industrial, commercial, and emergency applications, our solutions offer remote ...

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Wärtsilä Energy Storage

Our utility-scale energy storage



seamlessly integrates with critical energy systems, driving revenue with optimised assets and delivering proven reliability, flexibility, and safety. We have over 19 GWh of ...

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836kWh Liquid Cooled Battery Storage Cabinet (eFLEX BESS)

The eFlex 836kWh system is designed to fit into even the most compact spaces. With an energy density of 98.4kWh/m³ and a footprint of just 3.44m², it offers a high-performance solution that maximizes ...



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Sunway Intelligent liquid-cooled 100KW 261KWH Outdoor Cabinet Energy

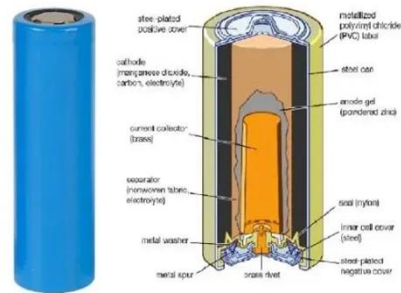
Engineered for high-capacity commercial and industrial applications, this all-in-one outdoor solution integrates lithium iron phosphate batteries, modular PCS, intelligent EMS/BMS, and ...

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All-in-One Energy Storage Cabinet & BESS Cabinets , Modular, ...

AZE's All-in-One Energy Storage Cabinet & BESS Cabinets offer modular, scalable, and safe energy storage solutions. Featuring lithium-ion batteries, smart BMS, and thermal management, they're ideal ...

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