

**PIENAAR ENERGY (PTY) LTD**

# **Retail Low-voltage Outdoor Cabinet for Microgrid Energy Storage in Agricultural Irrigation**



## Overview

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Available in both 100kWh and 215kWh capacities, this modular system integrates power modules, batteries, cooling, fire protection, and environment monitoring in a compact outdoor cabinet. Scalable Energy Storage: Ideal for small- to medium-scale commercial and industrial photovoltaic storage, diesel storage, and hybrid systems. Join us as a distributor! Sell locally — Contact us today! Submit Inquiry Get factory-wholesale deals! Note: Specifications are subject to change without. It boasts a battery voltage of 832V, a grid - connected output of 330kW, and a maximum PV input of 4750A. It supports remote upgrades, arbitrary parallel combinations, and has IP54 ruggedness. Perfect for large solar farms, industrial microgrids, or critical infrastructure, it maximizes the use of. NextG Power introduces its Outdoor Energy Storage Cabinet —a compact, high-performance system delivering 105KW power and 215KWh capacity. Designed for harsh environments and seamless integration, this IP54-rated solution features a 105KW bi-directional PCS, optional air- or liquid-cooled thermal. Recreen Energy offer all in one integrated industrial and commercial energy storage systems solution which are designed to provide reliable and cost-effective energy storage solutions for regional microgrids such as small CBD, farms, islands, outdoor photovoltaic power station, etc.

## Retail Low-voltage Outdoor Cabinet for Microgrid Energy Storage in

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### **AIMBRIDGE MICROGRID , Aimbridge Energy**

Fully integrated, outdoor NEMA 3R and NEMA 4X nanogrid and microgrid cabinet systems. Configurable with internal power conversion and power distribution and energy storage or energy ...

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### **Farm Energy Storage Solutions , GSL Energy**

GSL ENERGY provides flexible and efficient off-grid energy storage solutions for farms, designed for agricultural scenarios.

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### **100kwh 215kwh air cooled energy storage system outdoor cabinet**

RECREEN ENERGY offers customized Battery Energy Storage System (BESS) solutions tailored to your project's specific application, providing flexible power and capacity options.

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## Outdoor Cabinet , SWA Energy LiFePO4 Battery Storage Systems

With IP54/IP55 protection, anti-corrosion design, and intelligent temperature control, they are ideal for telecom base stations, remote power supply, and containerized microgrids. Our outdoor cabinets are ...

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 **Efficient Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPPT Trackers, 150% DC Input Overvoltage
- Max. PV Input Current 15A, Compatible with High Power Modules

 **Intelligent Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPDs: prevent lightning damage
- Battery Reverse Connection Protection

 **Flexible Abundant Configuration**

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 Units Inverters Parallel
- AFCC Function (Optional): when an arc fault is detected the inverter immediately stops operation



## Liquid-Cooled 261KWh Outdoor Cabinet Series C& I Energy Storage ...

Suitable for energy-intensive agricultural operations such as greenhouse farming, aquaculture, and irrigation systems, ensuring stable energy supply to maintain optimal productivity

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## Outdoor Cabinet Energy Storage System (Air-Cooled) - Modular ...

The ELECOD Outdoor Cabinet Energy Storage System (Air-Cooled) is a highly efficient and scalable energy storage solution, designed for use in microgrid scenarios such as commercial, industrial, and ...

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## GSL ENERGY 83kWh 100kWh 215kWh Outdoor Cabinet

## Energy ...

It is suitable for microgrid scenarios such as small-scale commercial and industrial energy storage, photovoltaic diesel storage, and photovoltaic storage and charging.

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## Outdoor Cabinet Energy Storage System

Product Features: Standardized structure design, menu-type function configuration, photovoltaic charging module, a parallel off-grid switching module, power frequency transformer, and other ...

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## Outdoor Energy Storage Cabinet: 105KW/215KWh All-in-One Solution

Whether retrofitting existing infrastructure or building a decentralized energy network, this cabinet empowers businesses to cut costs, enhance sustainability, and ensure uninterrupted power.

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## Microgrid Outdoor Cabinet LES

The LES - 261L130 is a heavy - duty

microgrid cabinet built to handle extreme power demands in large - scale microgrid applications. It comes with an 832V battery (0.5C charge/discharge), a 330kW grid ...

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