

**PIENAAR ENERGY (PTY) LTD**

# **High-voltage solar energy storage cabinet for port use**



## Overview

---

This energy storage cabinet is a PV energy storage solution that combines high-voltage energy storage battery packs, a high-voltage control box, an energy storage PV inverter, BMS, cooling systems (an AC-powered air conditioner), and a fire protection system. Powerful Integrated Solution: Combines 215kWh of high-voltage battery capacity with a matched 120kW PCS for high-performance C&I storage. High-Efficiency Conversion: System efficiency exceeds 90% @AC side, providing stable 400VAC output for industrial grids. Smart Solar Integration: Includes a 60kW. HBOWA PV energy storage systems offer multiple power and capacity options, with standard models available in 20KW 50KWh, 30KW 60KWh, and 50KW 107KWh configurations. These systems support industries in managing peak energy loads, reducing grid dependency, and maximizing efficiency in energy use. This streamlined design minimizes deployment complexity, optimizes space utilization, and ensures flawless. Delivers over 6,000 cycles of reliable performance, featuring a cabinet-style stackable structure that saves space, simplifies installation and maintenance, and allows easy capacity expansion to match evolving energy needs. Features a low-voltage soft-start design to ensure safe, stable power-on. The BSLBATT PowerNest LV35 hybrid solar energy system is a versatile solution tailored for diverse energy storage applications. Equipped with a robust 15kW hybrid inverter and 35kWh rack-mounted lithium-ion batteries, the system is seamlessly housed in an IP55-rated cabinet for enhanced protection.

## High-voltage solar energy storage cabinet for port use

---



### **20/30/50/100KWH High Voltage Cabinet Energy Storage Battery**

Built with standard 5.12kWh battery modules, the system supports 4-14 modules in series for flexible voltage and capacity configuration. With up to 8 clusters in parallel, it delivers scalable energy ...

[Get Price](#)

---

### **High Voltage Racks (1C) , Hubble Energy**

Explore Hubble Energy's 1c high-voltage racks for scalable, intelligent energy storage with easy installation and advanced monitoring. View more now!

[Get Price](#)

---



### **15kW / 35kWh Hybrid Solar System Integrated Energy Storage Cabinet**

Equipped with a robust 15kW hybrid inverter and 35kWh rack-mounted lithium-ion batteries, the system is seamlessly housed in an IP55-rated cabinet for enhanced protection against water and dust, ...



[Get Price](#)

## High Voltage Battery Storage , Hicorenergy

Explore Hicorenergy's high voltage battery cabinets for energy storage. Designed for industrial and commercial applications, these systems offer advanced integration, scalability, and efficiency.



[Get Price](#)

---



## GSL Energy High-Voltage Battery Cabinet GSL-HV51200

Ideal for home, commercial, and utility backup power, this modern system combines high energy and power density with a long lifespan. Its modular design allows for easy installation and expansion, ...

[Get Price](#)

---

## Energy Storage Cabinet Outdoor 20KW 50KWh/ 30KW 60KWh

This energy storage cabinet is a PV energy storage solution that combines high-voltage energy storage battery packs, a high-voltage control box, an energy storage PV inverter, BMS, cooling systems (an ...



[Get Price](#)

---



## 215kWh +120kW High Voltage Integrated Energy Storage Cabinet

Featuring 215kWh of LiFePO<sub>4</sub> storage and a 120kW PCS, this system is engineered for industrial parks and commercial complexes that require high-power energy management.

[Get Price](#)

## 215kWh Outdoor Cabinet Series - Industrial & Commercial Energy Storage

Yes, the 215kWh energy storage system is designed to seamlessly integrate with solar and wind energy systems. It supports demand-side management and can provide backup power during outages, ...

[Get Price](#)



## LFP Intelligent High-Voltage Rack Storage Battery Cabinet

The LFP High Voltage Rack Storage Battery Cabinet is an eco-friendly, high-voltage rack-mounted battery cabinet designed for seamless integration and intelligent energy management.

[Get Price](#)

## Industrial Use ESS 100KWh 150KWh 200KWh High Voltage Outdoor ...

MateSolar's Industrial ESS is offered in 100kWh, 150kWh, and 200kWh configurations, designed to meet varying energy demands for high-voltage outdoor applications.

[Get Price](#)



---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://pienaarshof.co.za>

