

## PEES Power Systems

# Hybrid Retail of Photovoltaic Energy Storage Cabinets



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### **Solar Hybrid Box®**

Electrical cabinets for energy conversion and storage: Energy conversion and storage unit that can be interconnected with external energy sources (PV, grid, generator).

## **Commercial Battery Storage Solutions , GSL Energy**

From compact 30 kWh lithium-ion cabinets to large-scale containerized 5 MWh solutions, our systems are designed for performance, flexibility, and seamless integration with solar, grid, or hybrid setups.



### APPLICATION SCENARIOS



### **Hybrid ESS Energy Storage System Manufacturer & Supplier , Wenergy**

At Wenergy, we position ourselves as a leading hybrid energy storage system company, combining strong R& D capabilities with proven manufacturing expertise to deliver reliable, scalable, and future ...

## Custom-Designed Solar & Storage Systems

At Highjoule, we specialize in designing and manufacturing customized solar and energy storage solutions to meet diverse energy demands -- from grid-tied urban systems to remote off-grid ...



### 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, ...

### SolaX ESS-AELIO , C& I Energy Storage ESS Cabinet , 50kW/60kW

With support for 200% PV oversizing and a maximum 40A DC input current, the Hybrid ESS Cabinet ensures high throughput for large-scale solar integration. Global MPP scanning maximizes energy ...



## Photovoltaic Hybrid Energy

## Storage Systems: The Secret Sauce for a



One minute you're basking in abundant sunshine, the next you're left in the dark during cloudy days. Enter the photovoltaic hybrid energy storage system, the dynamic duo that's turning

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### 107 kWh storage. Just 1 m<sup>2</sup> footprint.

Stuart ESS units are ideal for self-use, peak shaving, backup power, EV charging integration, and utility-scale grid support. Whether you're powering a factory, running a business, or expanding EV fleet -- ...



### Integrated Energy Storage Cabinet

The Cabinet offers flexible installation, built-in safety systems, intelligent control, and efficient operation. It features robust lithium iron phosphate (LiFePO<sub>4</sub>) batteries with scalable capacities, supporting on ...

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### Thinksolar PV Storage Cabinet for Industrial Solar Systems

To explore integration-ready PV storage

cabinets for your next commercial deployment, connect with our engineers or learn more at [thinksolar](https://www.thinksolar.com) . Thinksolar designs PV storage cabinets ...

50KW modular power converter



**Flexible Configuration**

- Modular Design, Expanding as Required
- Small/Light, Wall Mounted
- Installed in Parallel for Expansion



**Powerful Function**

- Support PV+ESS
- Grid Support, Equipped with SVG Technology
- On-Grid and Off-Grid Operation



**Reliable Protection**

- Outdoor IP65 Design
- Sufficient Protection Functions Equipped

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://www.peregrine-energy.co.za>

