

**Espay Solar Energy S.L.**

# **Off-grid industrial cabinets for photovoltaic energy storage**



## Overview

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This product is suitable for small and medium-sized commercial and industrial energy storage system scenarios, such as photovoltaic energy storage direct and flexible systems, photovoltaic energy storage and diesel systems, and can be used for peak. This product is suitable for small and medium-sized commercial and industrial energy storage system scenarios, such as photovoltaic energy storage direct and flexible systems, photovoltaic energy storage and diesel systems, and can be used for peak. The ESS-GRID Cabinet series are outdoor battery cabinets for small-scale commercial and industrial energy storage, with four different capacity options based on different cell compositions, 200kWh, 215kWh, 225kWh, 241kWh, etc. They can be widely used in farms, animal husbandry, hotels, schools. Standardized Structure Design: Includes energy storage batteries, power conversion systems (PCS), photovoltaic modules, and charging modules in a compact and highly efficient cabinet. Flexible Expansion: Designed to support off-grid switching and photovoltaic energy charging, making it ideal for. One of our recent projects with a leading U. solar engineering company perfectly illustrates how E-abel helps partners expand their offerings through tailor-made solar battery storage cabinets, designed to house both inverters and battery systems. It is delivered in a. Looking to deploy an enterprise-grade ESS cabinet for commercial facilities, factories, EV charging, microgrids, or industrial parks?

Wenergy provides fully integrated, outdoor-rated ESS cabinets using LiFePO4 technology with modular design and robust safety architecture.

## Off-grid industrial cabinets for photovoltaic energy storage

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### Commercial & Industrial Energy Storage Cabinet

Looking to deploy an enterprise-grade ESS cabinet for commercial facilities, factories, EV charging, microgrids, or industrial parks? Wenergy provides fully integrated, outdoor-rated ESS cabinets using ...

### 100kW 256kWh Off-Grid Energy Storage

The 100kW 256kWh Outdoor ESS Cabinet is an advanced, all-in-one lithium battery energy storage solution designed for off-grid power systems, remote industrial sites, microgrids, and commercial ...



### Outdoor Cabinet Energy Storage System (ESS) for PV Storage

The ELECOD Outdoor Cabinet ESS for PV Storage & Charging offers an integrated and scalable energy storage solution designed for photovoltaic energy generation and charging applications.

### Custom Solar Battery Storage

## Cabinets with NEMA 3R Enclosures

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Discover E-abel's custom UL-certified solar battery storage cabinets with NEMA 3R enclosures, designed for U.S. solar engineering projects. Optimized for off grid solar battery systems ...



**2MW / 5MWh**  
**Customizable**



## Outdoor Photovoltaic Energy Cabinet

Combines high-voltage lithium battery packs, BMS, fire protection, power distribution, and cooling into a single, modular outdoor cabinet. Uses LiFePO4 batteries with high thermal stability, extensive cycle ...

## Integrated photovoltaic storage and off-grid machine/cabinet

This product is suitable for small and medium-sized commercial and industrial energy storage system scenarios, such as photovoltaic energy storage direct and flexible systems, photovoltaic energy ...



## ESS-GRID Cabinet Brochure EN-250106

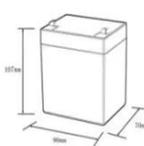
The ESS-GRID Cabinet series are outdoor battery cabinets for small-scale

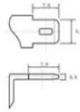
commercial and industrial energy storage, with four different capacity options based on different cell compositions, 200kWh, ...



### 100 kWh-500kWh Outdoor All-in-one Energy Storage Cabinet

This integrated solar battery storage cabinet is engineered for robust performance, with system configurations readily scalable to meet demands such as a 100kwh battery storage requirement.





**12.8V6Ah**

Nominal voltage (V):12.8  
 Nominal capacity (ah):6  
 Rated energy (WH):76.8  
 Maximum charging voltage (V):14.6  
 Maximum charging current (a):6  
 Floating charge voltage (V):13.6-13.8  
 Maximum continuous discharge current (a):10  
 Maximum peak discharge current @10 seconds (a):20  
 Maximum load power (W):100  
 Discharge cut-off voltage (V):10.8  
 Charging temperature (°C):0-+50  
 Discharge temperature (°C):-20-+60  
 Working humidity: <95% R.H (non condensing)  
 Number of cycles (25 °C, 0.5C, 100%doD): >2000  
 Cell combination mode: 32700-4s1p  
 Terminal specification: T2 (6.3mm)  
 Protection grade: IP65  
 Overall dimension (mm):90\*70\*107mm  
 Reference weight (kg):0.7  
 Certification: un38.3/msds



### offgrid industrial energy storage cabinet,Industrial Energy Storage

Suitable for both on-grid and off-grid scenarios, our cabinets convert fluctuating energy prices into predictable costs, ensuring uninterrupted power supply for production lines even during grid outages, ...

### 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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## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://www.espay.es>

