



# Hanoi Solar IP54 Outdoor Cabinet



## Overview

Scalable from 215kWh to multi-MWh configurations for flexible industrial needs. IP54-rated outdoor cabinet withstands extreme temperatures, dust, and moisture. ANHUI LIVEFUN POWER CO. Ideal for industrial, commercial & utility-scale energy storage systems. Desert Solar PV Plants: Heat-resistant enclosures protect AC solar components (inverters, distributors) in arid regions with daytime temperatures exceeding 50°C, ensuring stable grid/on-site power supply. Industrial Roof-Top Solar: Designed for factory/warehouse rooftops with sun-heated high. The Outdoor Battery Cabinet is a reliable and weatherproof energy storage enclosure designed to protect power and backup battery systems in outdoor environments. This energy storage cabinet is a PV energy storage. An IP rating indicates resistance to dust and water. IP65 provides total dust-tight sealing and protection from water jets. IP66 and above offer even higher resilience, critical for exposed outdoor deployments. Designed for harsh environments and seamless integration, this IP54-rated solution features a 105KW bi-directional PCS, optional air- or liquid-cooled thermal.



## Article Content

### 200KWh Outdoor Cabinets

Our 200KWh Outdoor Cabinets energy storage system is built with IP54 protection, ensuring it can withstand harsh weather, from scorching sun to torrential rain.

### Customized IP54 Outdoor Photovoltaic Cabinet for Ports

Highjoule"s Outdoor Photovoltaic Energy Cabinet and Base Station Energy Storage systems deliver reliable, weather-resistant solar power for telecom, remote sites, and microgrids.

### Outdoor Battery Cabinet Guide: IP Ratings, Cooling & Selection

Learn how to select the right outdoor battery cabinet by comparing IP ratings, cooling methods, and safety features for reliable energy storage.

### Outdoor Energy Storage Cabinet: 105KW/215KWh ...

Designed for harsh environments and seamless integration, this IP54-rated solution features a 105KW bi-directional PCS, optional air- or liquid ...

### Weatherproof Battery Enclosures for Solar & 12v ...

A high protection class battery cabinet that can be applied as standalone or extension of outdoor power system. The system integrates temperature ...

### 215kWh Outdoor Cabinet Series - Industrial & Commercial ...

High-capacity modular design that can be scaled from 215kWh to multi-MWh configurations. IP54-rated outdoor cabinet that withstands extreme temperatures, dust, and moisture. Real-time ...

### Solar Outdoor Cabinet | IP54-IP67 Weatherproof & Liquid/Air ...

Shop premium solar outdoor cabinets with IP54-IP67 protection, liquid/air cooling, and 100kW-2MW capacity. Ideal for industrial, commercial & utility-scale energy storage systems.

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

The energy storage cabinet has a long lifespan of 10 years, protective class reaches IP54, with a forced air cooling method, over 6000 cycle times at 80% DOD, 25°C.

### Custom Outdoor Solar Battery Cabinet with AC IP54 Air ...

Industrial Roof-Top Solar: Designed for factory/warehouse rooftops with sun-heated high temperatures. Manages AC power to machinery/lighting while preventing component ...

### Outdoor Battery Cabinet

Each cabinet features IP54–IP65 ingress protection, ensuring it functions as a weatherproof battery enclosure suitable for telecom stations, solar applications, and industrial sites.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://proton-engineering.eu>

Email: [info@proton-engineering.eu](mailto:info@proton-engineering.eu)

Phone: +1 832 471 8952

Address: 12345 Lake City Way, Suite 200, Houston, TX 77001, USA

This document is for informational purposes only. Specifications subject to change without notice.

