

PEES Power Systems

High-efficiency solar-powered container for drone stations



Power Conversion System

- Single-stage three-level modularization
- Multi-branch input to reduce battery series and parallels connection

Overview

Our modular solar containers let you easily add more power. You can choose the size, power, and storage to fit your needs. Perfect for remote areas, construction sites, events, or. Discover the future of autonomous drone logistics with our groundbreaking Solar-Integrated Container Hangar, engineered exclusively for vertical takeoff and landing (VTOL) fixed-wing drones. The container is equipped with foldable high-efficiency solar panels, holding 168-336 panels that deliver 50-168 kWp of power. Folding. The HJ Mobile Solar Container comprises a wide range of portable containerized solar power systems with highly efficient folding solar modules, advanced lithium battery storage, and smart energy management.

High-efficiency solar-powered container for drone stations



Customized Mobile Solar Container , Portable Solar Energy Storage

Customers can customize power capacity, battery storage, inverter types, and auxiliary power sources like diesel generators or wind turbines to tailor the container for specific mission requirements.

Sustainable Drone Freight: Pioneering a Green Revolution in Global

The global logistics industry stands at a pivotal moment where autonomous drones are not just enhancing efficiency but driving a profound shift toward sustainability.



 LFP 48V 100Ah



HEISHA V200 Solar-Integrated Container Hangars

Discover the future of autonomous drone logistics with our groundbreaking Solar-Integrated Container Hangar, engineered exclusively for vertical takeoff and landing (VTOL) fixed-wing drones.

No.1 Capacity Solar Container , Solarabox

At SolaraBox, we design and manufacture advanced solar containers that bring clean, reliable, and mobile energy wherever it's needed. Built for multi-industry use, our systems replace

...



HELIOS SOLAR

Each unit is 100% solar-powered with battery backup, requiring no fuel, generator, or grid connection--ensuring uninterrupted, dependable operation in any environment.

Mobile Solar Container Systems , Foldable PV Panels , LZY Container

This is the product of combining collapsible solar panels with a reinforced shipping container to provide a mobile solar power system for off-grid or remote locations.



Modular Solar Power Station Container Factory



Plug-and-play solar power containers are designed to perform across a wide range of application environments. Their standardized structure and flexible configuration options make them suitable for ...

Mobile Solar PV Container , Portable Photovoltaic Power Station

High-efficiency Mobile Solar PV Container with foldable solar panels, advanced lithium battery storage (100-500kWh) and smart energy management. Ideal for remote areas, emergency rescue and ...



Solar-Powered Drones (2026) , 8MSolar

From aerial surveying to delivery services, solar-powered drones are unlocking new possibilities, offering longer flight times, reduced emissions, and enhanced efficiency. Join us as we ...

How Solar Power Supports Drone Delivery Stations: Scalable Energy ...

With its modular solar and power platforms--including RemotePro®, UPSPro®, and MobileSolarPro® systems--Tycon provides off-grid, scalable energy infrastructure that enables ...



Contact Us

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

