

PIENAAR ENERGY (PTY) LTD

Mobile photovoltaic cell cabinets for highway use



Overview

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 life (up to 6000 cycles), and stable performance under load. The MOBICELL-350 is the cabinet-mounted counterpart to our proven MOBISUN-350 trailer system. Built in a rugged, insulated NEMA 3X enclosure and skid-mounted for easy siting, the MOBICELL-350 integrates solar panels mounted on the outside walls of the cabinet, a 20 kWh AGM battery bank, and a 350W. LZY's photovoltaic power plant is designed to maximize ease of operation. It not only transports the PV equipment, but can also be deployed on site. It is based on a 10 - 40 foot shipping container. Make the next step towards renewable energy with our Solarcontainer! The challenges of our time are more present than ever. It integrates advanced photovoltaic modules, inverters, and electrical cabinets into a compact and functional unit. Ideal for remote areas, emergency power supply, and. Reliable, Modular, customizable solar power solutions for remote security, monitoring, telecommunication applications and more! Perfect for small-scale applications, offering durability and reliability in a compact design. Sustainable, high-efficiency energy storage solutions.

Mobile photovoltaic cell cabinets for highway use



 LFP 12V 100Ah

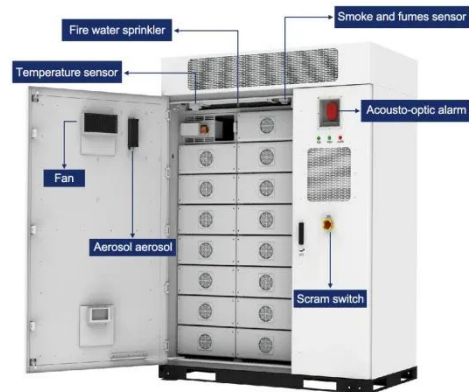
MOBICELL-350 -- Hybrid Solar + 350W Propane Fuel Cell Cabinet

Our trailerized and containerized platforms integrate solar PV, advanced battery storage, and fuel cells into one seamless solution--delivering reliable, low-emission power where diesel once dominated.

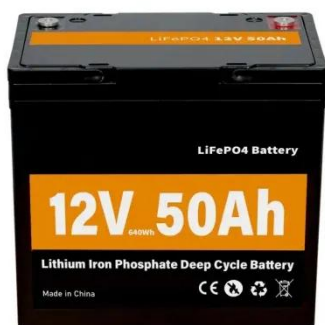
[Get Price](#)

Solarcontainer: The mobile solar system

We make mobile solar containers easy to transport, install and use. Make the next step towards renewable energy with our Solarcontainer! The challenges of our time are more present than ever.



[Get Price](#)



MAPPS® Solar Power Systems , Remote Off-Grid Solar Solutions

MAPPS® are complete pre-wired solar power systems for remote, off-grid applications.

[Get Price](#)

Outdoor Photovoltaic Energy Cabinet, Base Station Energy Storage

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

[Get Price](#)



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 ...

[Get Price](#)

EK Photovoltaic Micro Station Energy Cabinet

The EK photovoltaic micro-station energy storage cabinet has redefined the power supply mode of distributed energy scenarios with its core advantages of "intelligent integration, multi-energy ...

[Get Price](#)



Mobile Solar Container Systems , Foldable PV Panels

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.

[Get Price](#)



Mobil Grid® solar container

The Mobil-Grid ® is an ISO-standard, CSC-approved maritime container that integrates a photovoltaic power plant, ready to be deployed and connected, with integrated control cell and batteries.

[Get Price](#)



MOBICELL Solar Battery Backup , Off-Grid Backup Power Systems

From hybrid solar + propane SOFC systems to multi-cabinet methanol HT-PEM backup platforms, MOBICELL cabinets ensure dependable, diesel-free power. Every system is remotely monitored ...

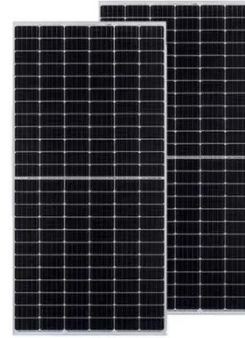
[Get Price](#)

Mobile Solar PV Container

It integrates advanced photovoltaic modules, inverters, and electrical

cabinets into a compact and functional unit. Ideal for remote areas, emergency power supply, and various off-grid applications, ...

[Get Price](#)



Contact Us

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

