

PIENAAR ENERGY (PTY) LTD

Off-solar container grid inverter for wind power



Overview

The Intech Energy Container — or ECON — is a modular, pre-configured off-grid power solution. It combines solar PV, battery storage, inverters, and energy management in a rugged container. Ideal for autonomous energy supply wherever grid access is unavailable or undesired. Each container is equipped with a photovoltaic array, a battery bank, and a generator — all custom-sized to meet the specific needs of the customer. With integrated. The Off Grid Container also transports the solar PV panels and mountings, the only part of the product which has to be assembled at the customer's site. This inverter efficiently converts 48V DC to 120V/240V AC, offering continuous power of 3000W and peak power of 6000W. Our engineers can provide a site-specific simulation based on your GPS.

Off-solar container grid inverter for wind power



Off-Grid Solar Storage Systems: Containerized Solutions for Reliable

Explore the benefits and technology behind containerized off-grid solar storage systems. Learn how these scalable, cost-efficient solutions provide reliable power and energy independence ...

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Best Wind Turbine Power Inverters and Turbine Kits for Off-Grid ...

Finding reliable wind-powered energy solutions involves pairing efficient inverters with capable turbine kits. This article highlights five prominent options that balance performance, ease of ...



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Energy storage(KWh)

102.4kWh

Nominal voltage(Vdc)

512V

Outdoor All-in-one ESS cabinet



Off Grid Solar Inverters: Complete 2025 Buyer's Guide & Installation Tips

Complete guide to off-grid solar inverters. Compare top brands, sizing guides, installation tips, and expert recommendations for 2025. Get reliable off-grid power.

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Solar Power Generators in USA , Nature's Generator

Affordable solar and wind power generators for whole-home backup and off-grid home living. Plug-and-play renewable energy solutions since 2015. Shop now!



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10 Best Wind Power Inverters for Efficient Energy Conversion in 2025

This kit includes a 400W wind turbine, six 100W bifacial solar panels, and two 12V 100Ah lithium batteries, all designed to meet various off-grid needs. With a 24V 3000W inverter featuring ...

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Off grid container power systems -- Off-Grid Installer

This kit includes a 400W wind turbine, six 100W bifacial solar panels, and two 12V 100Ah lithium batteries, all designed to meet various off-grid needs. With a 24V 3000W inverter featuring ...

215kWh
8,000+ Cycles Lifetime
IP54 Protection Degree



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WindSoleil 1000-Watt Off-Grid Solar + Wind Hybrid Kit

This WindSoleil Hybrid Kit helps you get



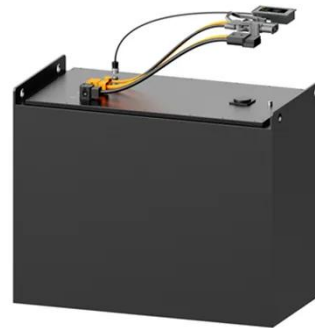
- IP65/IP55 OUTDOOR CABINET
- ALUMINIUM
- OUTDOOR ENERGY STORAGE CABINET
- OUTDOOR EQUIPMENT CABINET

off the grid and provide your own electricity. Great for Small Cabins, Tiny Homes, Small Greenhouses or Lodges. [Batteries Included]

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Wind-Solar Hybrid System for Off-Grid Power , Energy-Elege

Reliable Off-Grid Power: Integrating Small Wind Turbines with Solar Arrays For remote cabins, coastal base stations, and marine vessels, solar power is rarely enough.



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- Voltage range:691.2-947.2V
- >6000 cycles(100%DOD)
- Rated battery capacity: 216KWH (customizable)
- EMS communications: 4G/CAN/RS485

Intech Energy Container

The Intech Energy Container -- or ECON -- is a modular, pre-configured off-grid power solution. It combines solar PV, battery storage, inverters, and energy management in a rugged container.

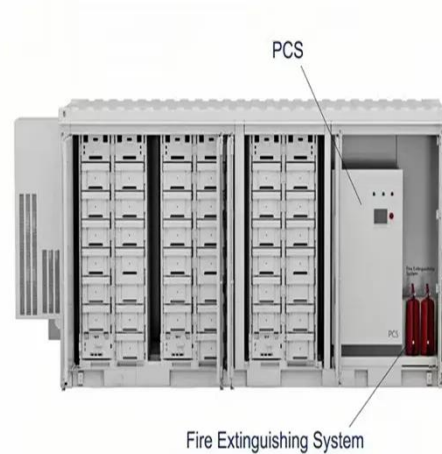
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UNLOCKING OFF-GRID POWER: THE ULTIMATE GUIDE TO SOLAR ...

Among the innovative solutions paving the way forward, solar energy containers

stand out as a beacon of off-grid power excellence. In this comprehensive guide, we delve into the ...

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Off grid container power systems -- Off-Grid Installer

We are offering mini renewable power stations in a Off-Grid shipping Container ready to be deployed worldwide. These include solar PV panels and mountings.

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