

## PIENAAR ENERGY (PTY) LTD

# Huijue 1395 inverter power increase

## Commercial and Industrial ESS

Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



## Overview

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Bulkier designs, lower conversion efficiency (typically 85-90%), and limited smart integration make them ill-suited for today's compact solar-storage systems. This is where the High-Frequency Inverter 2-5KW shines. The solar inverter, as the core component, is responsible for converting the DC electricity generated by the solar panels. Huijue Group's energy storage solutions (30 kWh to 30 MWh) cover cost management, backup power, and microgrids. Featuring a wide input voltage range and industry-leading conversion efficiency, this. Huijue Group was founded in 2002, is leading Inverter Manufacturer in China, to provide customers with the optimal energy storage system solutions and safe and efficient storage full range of products, covering household energy storage system, industrial and commercial energy storage system and. Did you know 42% of residential solar systems in California underperform due to inefficient high-frequency inverter compatibility?

As renewable energy adoption surges globally, the limitations of conventional low-frequency inverters become glaringly obvious.

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### 6.5kw - 13kw Three Phase HJ-HIH48S Hybrid Solar Inverter

Intelligent phase power control: The power of each phase is automatically detected. The system then manages and optimizes the power flow to improve overall efficiency.

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## Huijue Home Energy Storage Inverter: Your Trusted Partner in Home ...

This inverter can send solar-generated power to the grid and instantly become a reliable power source for the home when the grid has issues or during outages. Whether it's for everyday ...



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### Hybrid Inverter Technology: The Catalyst for Energy Transition

As we approach tera-scale renewable integration, the industry must confront an uncomfortable truth: Tomorrow's energy systems won't just require better inverters--they'll demand intelligent energy ...

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## High-Frequency Inverter 2-5KW: Powering Your Energy Independence

This is where the High-Frequency Inverter 2-5KW shines. Engineered for homes and small businesses across markets like Germany, Australia, and Southeast Asia, this next-gen solution achieves 96.5% ...



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**1mwh** (500kw/1mw)

AIR COOLING  
ENERGY STORAGE CONTAINER



## Solar Inverter

Through the intelligent energy management system, the power status is monitored in real-time, and the power supply is automatically adjusted to maximize the stability and reliability of the system and ...

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## Huijue Home Energy Storage and Inverter All-in-One System: Leading ...

The system's high power output enables it to handle the startup and operation of high-power appliances with ease, meeting the electrical needs of various household devices.



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## Huijue Group's New Generation Home Energy Storage Inverter



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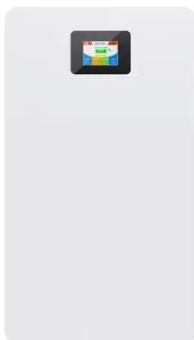
In residential homes, Huijue Group's next-generation home energy storage inverter system plays a vital role. It provides stable power supply for households, especially during ...

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## HJ-Series: 6kW to 19kW Three-Phase Grid-Tied Solar Inverter

The 6kW to 19kW Three-Phase Grid-Tied Solar Inverter from Huijue Group is engineered to maximize energy harvest for demanding residential, commercial, and small-scale industrial solar installations.

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## Energy Storage Equipment, Energy storage solutions, Lithium battery

Huijue Group's Home Energy Storage Solution integrates advanced lithium battery technology with solar systems. Ranging from 5kWh to 20kWh, it caters to households of varying sizes.

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