

PIENAAR ENERGY (PTY) LTD

Cyprus energy storage solar container lithium battery manufacturer



 **TAX FREE**    

ENERGY STORAGE SYSTEM

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW 115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

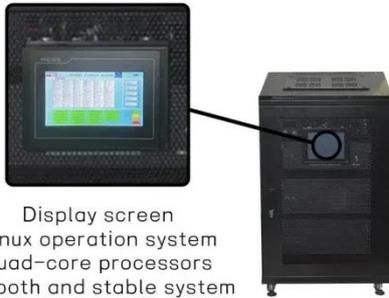
Battery Cooling Method
Air Cooled/Liquid Cooled



Overview

Spearheaded by a partnership between the Electricity Authority of Cyprus (EAC) and Swedish energy technology company ABB, the BESS project is located near the town of Vasilikos and has an initial capacity of 50 megawatts (MW), with plans for future expansion. In May 2025, Cyprus successfully commissioned its first significant battery energy storage system (BESS), marking a major step toward enhancing the country's energy infrastructure and aligning with its national goals for renewable energy integration and grid optimization. Spearheaded by a. The Apollon PV Park has commissioned a 3. In this comprehensive guide, we at CGP Solar explain why BESS is becoming essential for businesses in Cyprus, how it works, who needs it. At Lighthief Cyprus, our Energy Storage Solutions transform your solar investment from a daytime energy producer into a comprehensive 24/7 power system.

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Display screen
Linux operation system
quad-core processors
smooth and stable system

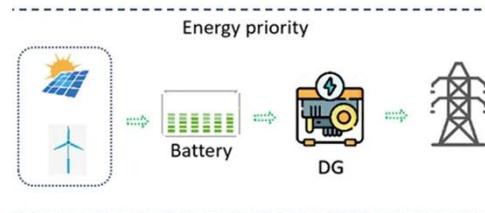
Cyprus Launches First Major Battery Energy Storage System

Spearheaded by a partnership between the Electricity Authority of Cyprus (EAC) and Swedish energy technology company ABB, the BESS project is located near the town of Vasilikos ...

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2025 Nicosia Energy Storage Pilot: Grid-Scale Battery Breakthroughs

Well, the 2025 Nicosia Energy Storage Pilot in Cyprus might just have cracked the code. Operational since January 2025, this 250MW/1.2GWh lithium-ion battery system isn't your average power bank - ...



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ESS



Cyprus plans 160MW battery storage systems to manage renewable ...

Cyprus will begin implementing renewable energy storage systems in 2026 at the earliest, Energy Minister George Papanastasiou announced during parliamentary discussions on Tuesday, ...

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Cyprus Energy Storage Battery Manufacturer Powering a Sustainable

With solar capacity hitting 300 MW in 2023 (see Table 1), the island nation urgently needs reliable storage solutions to manage intermittent power generation. This is where Cyprus energy storage ...

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Cyprus switches on first significant battery system

Operated by the University of Cyprus, this is the country's largest battery project to date and the first of its kind at this scale. The BESS is integrated with a 5 MWp solar installation

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Cyprus switches on its first significant battery system, a milestone

Together, the solar and storage components are designed to support grid stability, reduce curtailment, and help manage peak demand. Images from the site show a containerised ...

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Cyprus Energy Storage Solutions: Lithium Battery



Innovations for a

We specialize in large-scale solar power generation, solar energy projects, industrial and commercial wind-solar hybrid systems, photovoltaic projects, photovoltaic products, solar industry solutions, ...

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Battery Energy Storage System in Cyprus 2025 - What You Must Know

At CGP Solar, we take a tailored approach to help you select the best Battery Energy Storage System (BESS) that aligns with your business goals, technical needs, and regulatory ...

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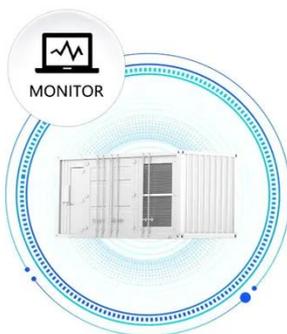
Commercial and Industrial ESS

Air Cooling / Liquid Cooling

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



SUPPORT REAL-TIME ONLINE MONITORING OF SYSTEM STATUS



Solar-plus-storage project with 82MWh BESS proposed in Cyprus

The project would combine 72MW of solar PV with a 41MW/82MWh lithium-ion battery energy storage system (BESS), making it the largest to-date of either technology type. It would be ...

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Our advanced battery storage systems

and hybrid installations provide energy independence, cost optimization, and reliable backup power while maximizing the value of every kilowatt-hour your solar ...

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