

Energy storage solutions for the UAE market

Introduces energy storage solutions for the UAE market, covering the background of development, specific solutions, local warehouse advantages, policy compliance, certifications, cooperation cases, and contact items.



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Local warehouse ultra-fast delivery

Countries such as the United Arab Emirates, Saudi Arabia and Oman used to rely on oil and gas for power supply. Although the power supply was stable, their energy structure was single, carbon emissions were high and the pressure of peak electricity consumption in summer was large. This led the governments of these countries to vigorously develop solar energy and energy storage projects.

The UAE's "**Energy Strategy 2050**" proposes that the proportion of renewable energy will increase to 50% by 2050. Saudi Arabia's NEOM New City and the "**Saudi Vision 2030**" project are also accelerating the large-scale deployment of photovoltaic energy storage.

For enterprises and households, efficient energy storage systems are not only an energy-saving and environmentally friendly choice, but also can bring actual benefits in terms of **peak-valley electricity price difference**, **backup power supply guarantee** and **green certification**.

Our solution: Designed for the Middle East and delivered locally

Relying on our overseas warehouse in Dubai, United Arab Emirates, we have launched high-temperature environment adaptive and high-performance energy storage systems for the Middle East market, meeting the diverse needs of residential, commercial, industrial and other sectors.

Industrial and commercial liquid-cooled energy storage cabinets (50kW - 1MWh)

- **Stable operation in high-temperature environments** (continuous operation at 50°C)
- **Liquid-cooled temperature control system**, extending battery life by more than 30%
- The **peak-valley arbitrage function** reduces electricity costs

Household/commercial integrated photovoltaic and energy storage systems

- Adapted to the **strong sunlight environment** in the Middle East, the inverter is designed with high-temperature resistance
- **Integrated integration**, with an installation period as short as 1 day
- Supports both **grid-connected and off-grid dual modes**, allowing for flexible switching

Microgrid solutions for large-scale projects

- The **hybrid configuration** of photovoltaic, energy storage and diesel engine reduces fuel consumption
- **Remote EMS management platform**, compatible with centralized monitoring of multiple sites
- It is applicable to **oil fields, ports, islands and tourist resorts**

Three major advantages of local warehouses in the United Arab Emirates

- **Immediate delivery**: Within 3 to 5 days for the Middle East region

- **Stock guarantee:** Main models are always in stock to reduce waiting time
- **Localization support:** On-site inspection, technical training and after-sales service can be arranged

Our overseas warehouse in Dubai not only serves the UAE itself but also covers countries such as **Saudi Arabia, Oman, Kuwait and Qatar**, helping customers deploy energy storage projects at the fastest speed.

Comply with policies and meet high standards

The product has passed international certifications such as **IEC, CE, UN38.3, and UL9540**, meeting the strict requirements of the Middle East market for safety, efficiency and durability. At the same time, it can participate in

□ **UAE Energy Strategy 2050** □

□ **Saudi Vision 2030 Renewable Energy Program** □

□ **Oman National Renewable Energy Initiative** □

We can assist clients in preparing government approval documents, technical reports, and grid connection application materials to shorten the project implementation time.

cooperation case: customer voice

“The convenience of picking up goods directly from the local warehouse in Dubai has saved us over a month of international transportation time. The energy storage cabinet still operates stably at the oilfield construction site with a temperature of 50 degrees Celsius.”

- **ABU Dhabi Energy Contractor**

“Our resort hotel project in Oman adopted your integrated photovoltaic and energy storage system, which not only saved electricity bills but also enhanced the green certification level, which was of great help in attracting international customers.”

- **Oman hotel operator**

Contact us immediately for:

- Spot list of the United Arab Emirates
- Energy storage solutions for industrial and commercial use and large-scale projects
- Remote video inspection and technical training
- Middle East distribution cooperation policy

Contact Us

For catalog requests, pricing, or partnerships, please visit:
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