

**Espay Solar Energy S.L.**

# Iran s first user energy storage project



## Overview

---

The main building of MAPNA Group in Tehran has been equipped with a homegrown Battery Energy Storage System (BESS), marking the first installation of a MAPNA-developed BESS in Iran. The BESS system, with a capacity of 250 kilowatts and an energy storage of one megawatt-hour, is capable of supplying. Iran, with its vast solar potential and pressing energy demands, is poised to transform its energy landscape through renewable energy, particularly solar photovoltaic (PV) and energy storage. Blessed with an average annual solar irradiation of 4. MAPNA Group Company as the parent company, along with various specialized subsidiaries and affiliates involved in the engineering, construction and development of thermal power plants, renewable energy plants, power and thermal cogeneration facilities, cogeneration facilities and water. Iran's storage strategy is like a kabob skewer—layered and sizzling. Here's the marinade: Lithium-ion dominance: 80% of new projects rely on these, despite supply chain hiccups.

## Iran s first user energy storage project

### DETAILS AND PACKAGING



1 USER MANUAL PDF 2 RJ45 Cable For RS485/CAN 3 Battery in Parallel Cables  
4 RJ45 TO USB Monitor Cable 5 M8 Terminal\*4

### ENERGY STORAGE: Overview, Issues and challenges in the IRAN

Regarding the economic- environmental benefits of using energy storage in the electricity industry, an investigation on the application of electrical network's energy storage with the aim of minimizing ...

### Iran Negotiates with Chinese Firms to Expand Solar Power, Energy

Iran is in talks with several leading Chinese companies to develop solar power plants and battery energy storage systems (BESS) as part of its strategy to increase renewable energy ...



### Iran's New Energy Market: Harnessing Solar Power and Energy Storage ...

This post explores the current state of Iran's new energy market, recent policies, key case studies in solar PV and energy storage, and the promising yet challenging road ahead.

### List of Upcoming Battery Energy

## Storage System (BESS) Projects in Iran

Search all the announced and upcoming battery energy storage system (BESS) projects, bids, RFPs, ICBs, tenders, government contracts, and awards in Iran with our comprehensive online database.



## Energy storage projects in iran 2025

First established in 2020 and founded on EPRI's mission of advancing safe, reliable, affordable, and clean energy for society, the Energy Storage Roadmap envisioned a desired future ...

## Top 9 Energy Storage Companies in Iran (2026) , ensun

The Iranian government has been showing increasing interest in renewable energy sources, leading to potential incentives for energy storage projects. However, international sanctions can present ...



## MAPNA Group's HQ Adopts Homegrown Battery Energy Storage

...

The main building of MAPNA Group in Tehran has been equipped with a

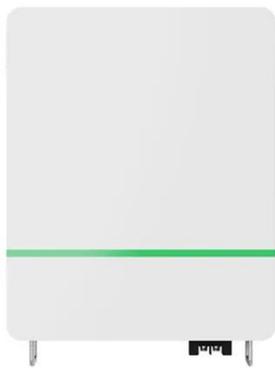
homegrown Battery Energy Storage System (BESS), marking the first installation of a MAPNA-developed BESS

...



### Iran shared energy storage

Request PDF , Design, thermodynamic, and wind assessments of a compressed air energy storage integrated with two adjacent wind farms: A case study at Abhar and Kahak sites, Iran , Wind speed



### Iran Energy Storage Projects 2025: What You Need to Know

Look no further than Iran energy storage projects 2025. With a mix of cutting-edge tech and ancient ingenuity, Iran is racing to modernize its grid. But who's reading about this? Engineers, ...

### Wind, Solar, and Energy Storage Projects in Iran: Opportunities and

While oil and gas still dominate headlines, the country has recently accelerated investments in wind, solar, and energy storage projects to diversify

its energy mix and meet growing electricity demands.



---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://www.espay.es>

