

MEECO

MAPNA Electrification and Energy
Storage Development Company

A pioneer company
specialized in electrification
and energy storages including
advanced li-ion batteries

COMPANY PROFILE

FALL 2021



MAPNA GROUP

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Table of **Content**

A b o u t M E E D C O

H i s t o r y

M a n u f a c t u r i n g P l a n t

O u r S e v i c e s

C o n t a c t U s





About The Company



Who We Are?

We are a science-based company who is active in diverse market segments related to electrification and energy storage systems. The company has earned recognition for undertaking large, high-tech projects, fostering innovation, embracing emerging technologies, and making differences for clients, employees and community as our holding (MAPNA) is already known.

With highly-skilled employees who work on manufacturing advanced li-ion batteries and other electrification projects, we offer clients the accessibility and support of a local firm with the stability and resources of a multinational organization.

OUR VISION

Being the center of electrification and energy storage development in MENA region through leading the public towards using sustainable energies.

Our History

MPANA Group was established in August 13 1993 under the title of "Iran Power Plant Projects Management Company" or Persian abbreviated "MAPNA" based on core values of customers, innovation, excellence, safety, responsibility and integrity. Today, according to more than 40 specialized subsidiaries and affiliates, the Group reach is global, and our people uphold the group vision to provide valuable services to clients, build partnerships in the community, and deliver important resources such as powerplants, oil and gas projects, locomotives, etc.

The company's ability to address ever-changing conditions and demands, to find and serve diverse markets, and to expand services has resulted in a company that grew far beyond its initial intentions. An engineering and economic core, therefore, established to analyze market potentials in electrification and energy storage systems. It led to found a new company in the group called "MAPNA Electrification and Energy Storage Development (MEEDCO)".

An agreement between MEEDCO and a Chinese pioneer in building advanced li-ion battery manufacturing plants has been established in order to transfer all required knowledge and related Prerequisites. Nowadays, MEEDCO is fully equipped in mass production of li-ion batteries, advanced R&D laboratory, and electrification procedures especially for electric vehicles in Iran.





History

MANUFACTURING





Manufacturing Plant Specifications:

- Capacity: 500 MWh/year
- Electric Consumption: 8 MVA
- Plant Area: 90,000 m²
- Manufacturing Area: 18,000 m²
- Laboratory and Pilot Line Area: 4,000 m²
- Planned to be developed for next phases

Cell Specification

- Shell Material: Pouch
- Cathode composition: NMC
- High Energy Density
- High Specific Energy
- Easy to Scale-up (Easy modifiable for modules and packs)
- Adaptability
- Proportionate Dimension



Our services include, but are not limited to:

- Li-ion battery production
- laboratory services for all related industries
- Design and produce battery modules and packs for EVs
- Development of energy storage systems (ESSs)

For a comprehensive list of our services please visit our website.

www.mapnameedco.com

contact us at: info@mapnameedco.com



Our **Services**

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