

# Italian lithium iron phosphate battery energy storage



## Overview

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The project focuses on producing over 8 GWh per year of lithium-iron-phosphate batteries, primarily for stationary energy storage. Brindisi, 24 September 2025 - Eni and Seri Industrial announce that Eni Storage Systems, a joint venture established by Eni (50% plus one share) and Fib (50% minus one share), a Seri Industrial subsidiary, has begun the operations in the development of industrial project for the production of. Italian multinational energy company Eni intends to become a player in battery cell manufacturing for stationary energy storage systems. Yesterday (24 September), the oil major announced that development activities have begun for a new lithium iron phosphate (LFP) battery cell factory through a. Eni Storage Systems, a 50-50 JV of Eni and Fib, has begun engineering for its Brindisi facility to yield over 8 GWh/year of LFP cells via a water-based process, integrating cathode production and BESS assembly. Engineering and assessments are expected to complete by Q1 2026. The Brindisi site will also produce cathode active material and assemble BESS. Their 50:50 joint venture, Pylon.

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### How is the Italian energy storage lithium battery factory

Where will lithium phosphate batteries be made? Pylontech, a China-based lithium iron phosphate (LFP) battery supplier, said it will build a storage system manufacturing facility in Sant'Angelo di Piove di Sacco (PD) near ...

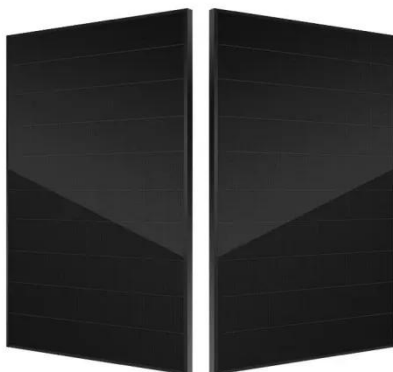
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### Eni joint venture kicks off project to produce lithium batteries in

Eni Storage Systems, a joint venture with Seri Industrial, aims to produce over 8 gigawatt hours per year of lithium-iron-phosphate batteries at Eni's Brindisi site. Seri Industrial and Eni

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### Eni Storage Systems Launches Brindisi LFP Battery Hub

At Brindisi, activities will include the production of cathode active material--lithium-iron-phosphate that facilitates lithium-ion movement during charge and discharge--and the assembly of those ...

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## Eni JV begins early work on LFP cell factory in southern Italy

Yesterday (24 September), the oil major announced that development activities have begun for a new lithium iron phosphate (LFP) battery cell factory through a joint venture (JV) called Eni Storage Systems.

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## Eni Storage Systems Launches Lithium Battery Development in Brindisi

Eni Storage Systems, a joint venture between Eni and Fib, has initiated operations in Brindisi to develop stationary lithium batteries. The project focuses on producing over 8 GWh per year of lithium-iron ...

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## Pylontech to open battery factory in Italy

Pylontech, a China-based lithium iron phosphate (LFP) battery supplier, said it will build a storage system manufacturing facility in Sant'Angelo di Piove di Sacco (PD) near Padova, in

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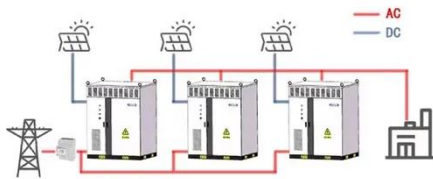


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## Eni Storage Systems, a joint venture between Eni and FIB, launches

Eni Storage Systems aims to establish a hub capable of producing over 8 GWh

## WORKING PRINCIPLE



per year of lithium-iron-phosphate batteries, primarily intended for stationary energy storage, using a water-based process.

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## FAAM - Celle, Moduli e Batterie a litio

Lithium and Gigafactory Start-up of the first plant in Italy and Southern Europe for the production of lithium-ion cells, modules and battery packs.

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## Lithium-ion capacitors for use in energy storage systems: A ...

Renewable energy sources require effective storage solutions to overcome intermittency challenges. This study conducts a cradle-to-gate life cycle assessment (LCA) comparing a lithium-ion ...

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