

Belgian Energy Storage Power Station Project



**Efficient
Higher Revenue**

- Max. Efficiency 97.5%
- Max. PV Input Voltage 600V
- 150% Peak Output Power
- 2 MPP Trackers, 150% DC Input Oversizing
- Max. PV Input Current 16A, Compatible with High Power Modules



**Intelligent
Simple O&M**

- IP66 Protection Degree: support outdoor installation
- Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
- DC & AC Type II SPD: prevent lightning damage
- Battery Reverse Connection Protection



**Flexible
Abundant Configuration**

- Plug & Play, EPS Switching Under 10ms
- Compatible with Lead-acid and Lithium Batteries
- Max. 6 units Inverters Parallel
- AFCI Function (Optional): when an arc-fault is detected the inverter immediately stops operation



Overview

Scheduled to begin construction in March 2026 and commissioned by September 2027, the project aims to deliver grid flexibility, integrate renewable energy, and enhance national grid stability. [Home](#) » [Energy](#) » [Battery Storage](#) » [ENGIE, NHOA Greenlight 320 MWh Battery Storage \(BESS\) Project at Former Power Station Site in Drogenbos, Belgium](#) ENGIE and NHOA have confirmed a partnership to build a 320 MWh battery energy storage system (BESS) at Drogenbos, Brussels. The project will be delivered by NHOA Energy to ENGIE under a supply contract. Green Turtle battery park, among the largest in continental Europe, will feed 700 MW of renewable energy back to the grid. Tractebel is Owner's Engineer on this landmark project. Green Turtle, situated on the Rotem industrial site in Belgium's northwestern Limburg province, was originally planned. In the town of Kallo, in the municipality of Beveren, construction has officially begun on one of the largest energy storage systems in Belgium.

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ENGIE and NHOA Energy break ground on 400 MWh battery project in Belgium

Kallo, 14 May 2025 - NHOA Energy, the global provider of utility-scale energy storage systems, today celebrated with ENGIE the groundbreaking of a 400 MWh battery energy storage system (BESS) in ...

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ENGIE and NHOA Energy Collaborate for 320 MWh BESS

ENGIE has awarded NHOA Energy the contract to supply, commission, and provide long-term services for a new 80 MW / 320 MWh Battery Energy Storage System (BESS) at ENGIE's ...



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ENGIE, NHOA Greenlight 320 MWh Battery Storage (BESS) Project ...

ENGIE and NHOA have confirmed a partnership to build a 320 MWh battery energy storage system (BESS) at Drogenbos, Brussels. This project is ENGIE's third battery storage ...

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Colossal battery park in Belgium to store energy to power 385,000

Green Turtle battery park, among the largest in continental Europe, will feed 700 MW of renewable energy back to the grid. Tractebel is Owner's Engineer on this landmark project.



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'Largest battery in mainland Europe' powers up in Belgium

Engie and Sungrow have commissioned the first 400 MWh phase of mainland Europe's largest battery energy storage system in Vilvoorde, Belgium, with full capacity due by end-2025.

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Impressive Belgian battery storage: 800 MWh is essential

Engie has officially launched its 200 MW / 800 MWh battery energy storage system (BESS) in Vilvoorde, Belgium, which is now fully operational. This landmark facility is the largest of its ...



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ENGIE launches Europe's largest battery energy storage system in Belgium



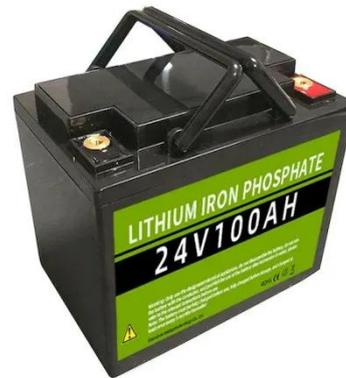
French electric utility ENGIE SA has undertaken construction of a 200-MW/800-MWh battery energy storage system (BESS) at its Vilvoorde site on the outskirts of Brussels in Belgium.

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ENGIE and NHOA Energy Expand Their Partnership in Belgium to ...

ENGIE and NHOA Energy Expand Their Partnership in Belgium to Build a New 320 MWh Battery Energy Storage System. The project strengthens the strategic partnership with ENGIE and ...

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A 400 MWh energy storage system is being built in Belgium

Transforming a former fossil fuel power station into a modern energy storage facility symbolizes the shift occurring in Europe's energy sector. Like many other EU countries, Belgium is ...

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ENGIE and NHOA break ground on Belgian BESS project

ENGIE has teamed up with energy storage provider NHOA Energy to begin construction on a cutting-edge 400 MWh battery energy storage system in Kallo, Beveren, Belgium.

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