



**EQACC SOLAR**

# **Scalable Dutch Energy Storage Container for Tunnels**



## Overview

---

Will Alfen deliver a 4 hour battery energy storage system in the Netherlands?

Almere, the Netherlands, 28 January 2025— Alfen, an energy solutions specialist in Europe, has signed an agreement with FlevoBESS to deliver a 31.6MW/126.4MWh battery energy storage system, one of the first large scale 4-hour systems in the Netherlands.

How many high-temperature storage facilities are needed in the Netherlands?

It is expected that around 100 to 200 underground high-temperature storage facilities will be needed in the Netherlands in the future to store heat from geothermal sources, for example. There is currently only one operational HT-ATES system in the Netherlands, though several pilot projects are also underway.

Who is energy storage NL?

Energy Storage NL is the subject matter expert on energy storage and conversion technology. We promote awareness and knowledge about the current and future role for energy storage and conversion in the energy system. Energy Storage NL represents the broad energy storage sector towards governments and external stakeholders.

Why should the Netherlands accelerate the energy transition?

The Netherlands must accelerate so as not to miss opportunities. Energy storage is the missing link in the energy transition. Without large-scale deployment of batteries, heat buffers and hydrogen storage, the Netherlands risks falling behind in Europe and becoming more dependent on foreign players.

## Scalable Dutch Energy Storage Container for Tunnels

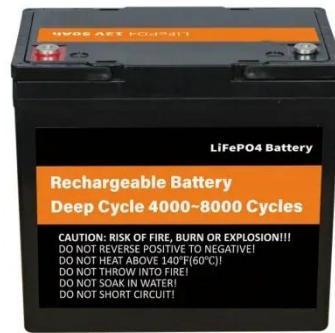


### EBN and energy storage

What role does energy storage play in the Dutch energy transition? Energy storage enables us to correct any mismatches in supply and demand. ...

## Revolutionize Energy Storage with TLS Containerized ESS ...

Transform Your Energy Storage Strategy  
Today TLS ESS containers offer a reliable, scalable, and sustainable solution for modern energy challenges. Whether you're ...



### Rongjie Energy's 50 MWh Large-Scale Energy Storage ...

Rongjie Energy's large-scale energy storage project in the Netherlands is advancing steadily, with a total capacity of 50 MWh already entering phased commissioning. As ...

## Revolutionize Energy Storage with TLS ...

Transform Your Energy Storage Strategy  
Today TLS ESS containers offer a  
reliable, scalable, and sustainable  
solution for modern ...



### **Energy storage platform: storage after 2030 , TNO**

In the current largely fossil energy supply, the Netherlands has large reserves of oil and gas as a buffer against unexpected events. But after 2030 a large part of our energy will ...

## **Home**

Energy Storage NL is the trade association of the Dutch energy storage industry. Together with technology companies, knowledge institutions, grid operators and financiers, we ...



### **Alfen signs agreement with FlevobESS to ...**

Alfen will deliver 31.6MW/126.4MWh battery energy storage system. First large-scale 4-hour system in the Netherlands equipped with ...



---

## Online lecture about energy storage and accelerating the energy

At the end of 2022 the Dutch Rijkswaterstaat\* assigned the research institute TNO to study the possibilities of energy storage for tunnels in the main road infrastructure in the ...



## Assessment of underground energy storage potential to ...

Introduction With the Paris Climate Agreement, the world faces the important task of reducing CO2 emissions to 95% below 1990 levels in 2050. In the Netherlands various ...

---

## EBN and energy storage

What role does energy storage play in the Dutch energy transition? Energy storage enables us to correct any mismatches in supply and demand. With the energy transition we will become ...



## Alfen signs agreement with FlevoBESS to build one of the Netherlands

Alfen will deliver 31.6MW/126.4MWh battery energy storage system First large-scale 4-hour system in the Netherlands equipped with Alfen's latest inverters Signed in ...

## Energy Storage in Underground Tunnels: The Future of ...

Sounds like sci-fi? Well, it's already happening. Energy storage in underground tunnels is revolutionizing how we manage electricity grids, offering solutions for renewable ...



## Container energy storage development

The Battery Energy Storage System (BESS) container design sequence is a series of steps that outline the design

and development of a containerized energy storage system. This system is ...



---

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://eqacc.co.za>