

## ContainerPower Energy Solutions

# Norwegian Energy Storage Container Power Station Platform

### GRADE A BATTERY

LiFePO<sub>4</sub> battery will not burn when overcharged over discharged, overcurrent or short circuit and can withstand high temperatures without decomposition.



## Overview

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What is Norway's largest container terminal?

Yilport Oslo is Norway's largest container terminal. The shore power plant for the container ships will be ready in 2024. Based on the call statistics for 2020, the plant has the potential to cut emissions of 2,371 tonnes of CO<sub>2</sub> and 33 tonnes of NO<sub>x</sub> per year. 11.

Where is the largest public charging station in Norway?

GRØNLIA - HEAVY VEHICLES TRANSPORT: Norway's largest public charging station for heavy transport is located at Grønliia in Oslo Harbour. Opened in June 2023. Six connection points of 300 KW. Grønliikaia, 0193 Oslo. 9. NORDRE SJURSØYKAI - CEMENT CARRIERS: Shore power system for Heidelberg Cement's cement carriers. Total capacity of 1.8 MW.

What is a containerized battery energy storage system?

Containerized Battery Energy Storage Systems (BESS) are essentially large batteries housed within storage containers. These systems are designed to store energy from renewable sources or the grid and release it when required. This setup offers a modular and scalable solution to energy storage.

Will Yilport Oslo have a shore power plant in 2024?

SØNDRE SJURSØYKAI - CONTAINER SHIPS: Shore power plant for container ships at Yilport Oslo will be ready during 2024. The plant will have three outlets with the option of 50 and 60 Hz. The maximum capacity will be 1,600 kVA (1.6 MW). Yilport Oslo is Norway's largest container terminal.

What is a battery energy storage system (BESS) container design sequence?

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 typically used for large-scale energy storage applications like renewable energy integration, grid stabilization, or

backup power.

What is the capacity of Yilport Oslo?

The maximum capacity will be 1,600 kVA (1.6 MW). Yilport Oslo is Norway's largest container terminal. The shore power plant for the container ships will be ready in 2024. Based on the call statistics for 2020, the plant has the potential to cut emissions of 2,371 tonnes of CO<sub>2</sub> and 33 tonnes of NO<sub>X</sub> per year.

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