



**SolarTech Power Solutions**

# **Dutch battery container company**



## Overview

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Who is Dutch container merchants?

Dutch Container Merchants is a leading force in the global shipping container industry, specializing in leasing and trading high-quality shipping containers across Europe, Northern America, Southern America and Asia. With our extensive fleet of leasing & trading units, we deliver reliable solutions that keep global trade moving.

How do battery containers work?

The battery containers are installed on a 104 TEU inland waterway container vessel, which has been modified to allow two units to be mounted onboard. The system enables the vessel to operate on full electric power alone, with no carbon emissions being generated. The energy capacity is equivalent to that of approximately 36 electric passenger cars.

Can battery containers be recharged onshore?

When discharged, the containers can be exchanged and charged onshore using energy from renewable sources. This replaceability is unique since battery containers have thus far been stationary installations. "Within the Dutch transport sector, inland navigation accounts for five percent of the CO2 emissions.

What is a lithium safety container?

Our lithium safety containers are made of high-quality, fire-resistant materials that withstand extreme temperatures and conditions. This innovative technology ensures that your batteries are protected even in the most demanding environments. We understand that one size does not fit all.

Can a depleted battery container be exchanged for a fully charged replacement?

Here, depleted battery containers can be exchanged for fully charged

replacements. A 'pay-per-use' model has been set-up whereby ZES charges only for the cost of consumed renewable energy. This allows the vessel's operating costs to remain competitive.

#### Are our containers safe?

Our containers meet national security standards, including PGS37. Each container is rigorously tested to ensure it meets strict quality and safety criteria, giving you peace of mind. Our containers are equipped with features such as thermal insulation, pressure relief valves and fire suppression systems.

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### Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://zegrzynek.pl>