



## Overview

---

Are non-European solar inverters a threat to Europe's Energy Autonomy?

The European Solar Manufacturing Council (ESMC) has issued a stark warning, highlighting a critical threat to Europe's energy autonomy stemming from the unregulated remote access capabilities of PV inverters produced by non-European, high-risk manufacturers—particularly those from China. A recent study by DNV substantiates these concerns.

What is a hybrid back-up system?

The company Ysebaert, one of our distributors in Belgium, recently installed a Hybrid Back-up System at their company. This system supplies them with electricity during power outages, currently a real problem in Belgium. The system also buffers their solar energy, which they would otherwise feed back into the grid.

Are Chinese inverters dominating the Flemish market?

It is an indication that Chinese manufacturers currently dominate the Flemish market. It's a dominance that worries some of our installers: many point to the ease with which they themselves can switch off inverters remotely, via software platforms provided to them by the manufacturers themselves.

Are Chinese inverters at risk of a blackout?

A recent DNV report, commissioned by SolarPower Europe, highlights the credible risk of cascading blackouts due to coordinated or malicious manipulation of inverters. Further concerns include: 70% of all inverters installed in 2023 came from Chinese vendors, mainly Huawei and SunGrow.

How many inverters are there in Flanders?

Distribution system operator Fluvius finally came up with figures late last night at the request of energy minister Demir: in the past six months, 100,000 new inverters were added in Flanders. More than half of them were Chinese. These

figures are not official and they don't say that much. There are large but also small inverters.

How much power does Belgium produce from solar panels?

In Belgium, power production from solar panels already exceeded the 5,000 megawatt (MW) mark several times this year. This is as much as five large nuclear reactors: the current Belgian nuclear power park can still supply a maximum of just under 4,000 megawatts of power.

## China backup inverter systems in Belgium

---



### Buying Solar Inverters and Battery Systems from China to ...

May 24, 2025 · This 2025 guide will walk you through how to import solar inverters and LiFePO4 battery systems safely - from picking the right online marketplace and calculating your power ...

---

### Home Inverter Backup Systems: Essential Guide for Winter ...

Oct 23, 2024 · Discover how to choose the right home inverter backup system for winter. Explore types, features, and benefits to keep your home powered during outages. Rocksolar offers top ...



---

## Contact Us

For catalog requests, pricing, or partnerships, please visit:  
<https://institut3i.fr>