



HANSOL C&I

C&I storage. Proven in practice.

Battery storage for
commerce and industry

PROJECT REFERENCES / 2026



One technology. Many applications.

From solar self-consumption to EV charging: nine examples show how battery storage can be integrated into different operating environments.

01 Self-consumption

Store surplus solar power and use it when your business needs it.

02 Peak shaving

Limit demand peaks and make better use of existing grid capacity.

03 EV charging

Coordinate vehicle charging with the energy needs of your site.

04 Backup power

Support continuity of supply and demonstrate EPS in practice.

The following pages present eight site references and one exhibition demonstration. Project descriptions are based on information published by Powered by Conbat.



SITE



INSTALLATION

Big Machinery

Use solar power when you need it.

Challenge

Solar generation and electricity demand at the office building do not coincide. Surplus power is exported to the grid.

Solution

A C&I battery system complements the existing PV system and electrical infrastructure, making surplus solar power available later.

Project benefits

Higher self-consumption, less grid export and lower electricity imports when solar power is unavailable.



SITE



INSTALLATION

Green Valley Estate

Reliable power. Successful events.

Challenge

International events create high demand peaks. Available grid capacity is limited, and continuity of supply is essential.

Solution

Battery storage combines peak shaving with backup power.

Project benefits

Demand peaks remain under control. According to the project report, no grid connection upgrade was required.



SITE



INSTALLATION

Wouters Waterontharders

Get more from your solar system.

Challenge

Export limits prevent full use of the solar power generated on site.

Solution

The existing system is extended with integrated battery storage for PV optimisation, installed as part of a bunker solution.

Project benefits

Better use of on-site generation and reduced grid dependence through carefully managed system integration.



SITE



DC FAST CHARGER

Van Steijn-Damen

Solar power and fast charging in one energy hub.

Challenge

Solar generation and demand do not coincide. Business operations and vehicle charging create additional demand peaks.

Solution

Two battery systems, each rated at 215 kWh / 100 kW, a DC fast charger and intelligent energy control form an energy hub.

Project benefits

Higher self-consumption, controlled demand peaks and charging tailored to the needs of transport vehicles.



SITE



INSTALLATION

Westerbeek Bulb Company B.V.

Grow within your available grid capacity.

Challenge

A new building increases energy and power demand. Grid constraints limit the supply available for the expansion.

Solution

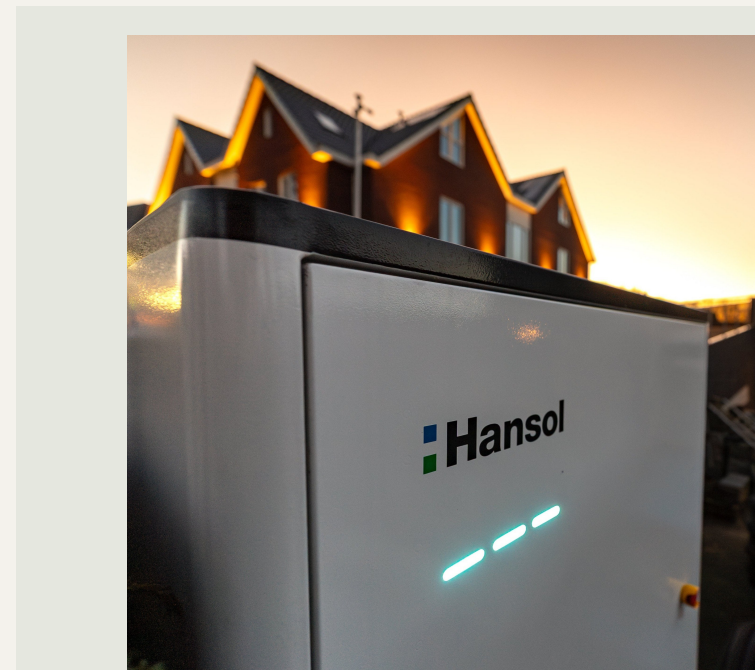
An expanded PV system, local battery storage and an EMS coordinate generation, storage and consumption.

Project benefits

According to the project report, the new building can operate within the existing grid capacity.



SITE



INSTALLATION

Heuvelrijk Berg en Dal

More convenient charging for guests.

Challenge

Simultaneous charging and high consumption put pressure on the grid connection and limit additional charging points.

Solution

EV charging infrastructure, battery storage and peak shaving are combined in one system.

Project benefits

Expanded charging infrastructure without a grid connection upgrade, controlled demand peaks and greater convenience for guests.



SITE



INSTALLATION

Camping de Oude Molen

Energy for the entire park.

Challenge

Simultaneous consumption creates high demand peaks. Limited grid capacity makes it harder to add further facilities.

Solution

Battery storage and peak shaving in one system. A retaining wall allows installation close to existing buildings.

Project benefits

Better use of the existing connection and support for continuity of supply during a power outage.



SITE



INSTALLATION

Villa Polder

Make better use of your own solar energy.

Challenge

Export limits restrict use of the PV system, leaving surplus solar power unused.

Solution

The existing system is complemented by integrated energy storage for PV optimisation.

Project benefits

Greater use of self-generated electricity, reduced grid dependence and more predictable energy costs.



EXHIBITION



INSTALLATION

Solar Solutions

See backup power in action.

Challenge

The backup power function needs to be demonstrated under real operating conditions within a limited exhibition space.

Solution

The exhibition stand is powered by the battery for part of the event with EPS active. A compact steel frame replaces the concrete slab.

Project benefits

The stand runs on battery power during the presentation, providing a practical demonstration of the backup power function.

OUR SOLUTIONS FOR YOU

More possibilities for your project.

We complement your battery storage with
intelligent control and flexible financing.

OUR OWN EMS

Intelligently connected.

LEASING SERVICES

Preserve financial flexibility.

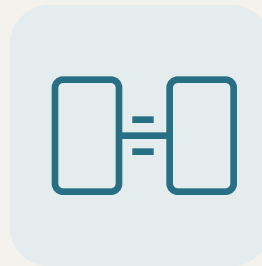
EMS - Energy Management System

Our own energy management system intelligently complements your battery storage, with European servers and optional EMS integration.



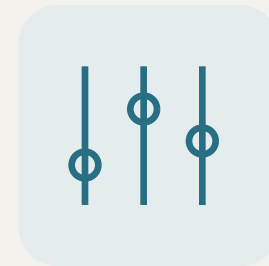
Servers in Europe

A reliable foundation for operation.



EMS add-on package

Compatible with your Hansol C&I battery storage.



Tailored to your site

Integration aligned with your requirements.

EMS functions and integration are subject to the individual offer.

Leasing & Financing

Less capital tied up, more financial flexibility: together with our financing partner DLL, we offer leasing for your battery storage.



Preserve liquidity

Reduce your initial capital requirement.



Plan your expenses

Regular payments over the contract term.



Manage cash flow

Keep financial flexibility for your business.

Leasing is subject to credit assessment and approval by the financing partner. Terms are defined in the individual offer.



What could your site achieve?

Let's assess the potential of your project together.

For an initial assessment:

- Electricity consumption and load profile
- PV system and generation data
- Grid connection and available capacity
- Planned charging points or expansions

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PROJECT ENQUIRY / HANSOL C&I

