

## European Solar and Energy Storage Solutions

# Luxembourg pixii energy storage



## Overview

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What is a Pixii battery energy storage system?

The Pixii battery energy storage system is a modular, easy-to-scale, and quick-to-deploy solution that comes with smart functionality. It helps you reduce energy costs, open new revenue streams, and get the most out of your PV installation. The system is also green, cost-effective, and reliable. Decongest your grid and improve power quality with the Pixii battery energy storage system.

Can Pixii as store my personal information?

By clicking submit below, you consent to allow Pixii AS to store and process the personal information submitted above to provide you the content requested. The Pixii PowerShaper XD, is a fully integrated IP55 modular energy storage system designed for easy deployment, high energy density, low noise stand alone or grid connected power.

Is Pixii a sustainable company?

Pixii's commitment to sustainability is evident in their contributions to optimizing solar energy use, peak shaving, arbitrage, and participation in flexibility markets. Pixii is headquartered in Norway, with its European sales headquarter in Germany and a global reach through offices and partners in several countries.

What makes pixiibox unique?

The PixiiBox software defined power conversion modules and Energy Architect EMS platform with various Battery options, offer unrivalled configuration flexibility optimised to deliver a high efficiency, low operating cost, off or on grid energy solution.

Is the Pixii home future-proof?

With regular software updates, the Pixii Home is future-proof, always ensuring

compatibility with the local grid. The Pixii Home app puts the power in the users' hands, providing instant data on electricity usage from solar versus the grid. It monitors battery performance and health to ensure peak functionality and long life.

Can Pixii be reused?

Pixii was founded in 2018 and is based in Kristiansand, Norway. This content is protected by copyright and may not be reused. If you want to cooperate with us and would like to reuse some of our content, please contact: [editors@pv-magazine.com](mailto:editors@pv-magazine.com). Pixii, a Norwegian battery manufacturer, has entered the residential storage business with a new battery.

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### the BESS for energy intensive applications

Introducing the Pixii PowerShaper XL - the next evolution in energy storage. Designed for the dynamic needs of today's energy market, the PowerShaperXL family (PowerShaper XL, PowerShaper XL Indoor, PowerBase XL) delivers unparalleled performance and reliability for energy-oriented applications, building on the Pixii modular and scalable ...

### Exploring the Pixii Collaboration: Battery Storage's

Together with Pixii, a leader in Battery Energy Storage Systems (BESS), we are excited to announce a strategic alliance aimed at transforming the efficiency of EV chargers. This collaboration combines Pixii's innovative BESS technology with our open platform to optimize charging operations at EV charging sites, particularly benefiting Charge



### Batteries

Pixii energy storage can operate with most battery modules designed for 48VDC and parallel operation and our systems are compatible with a wide range of battery brands and technologies. LFP batteries typically for more power oriented applications, with the lowest level of cobalt or nickel, and NMC batteries providing the highest level of energy

## Pixii has partnered with Greenely

Our partnership combines Pixii Home's advanced energy storage with Greenely's platform to make energy use more efficient in homes and communities. This step forward allows homeowners to better control and optimize their energy consumption. It's a practical move towards more sustainable living, reflecting our joint commitment to

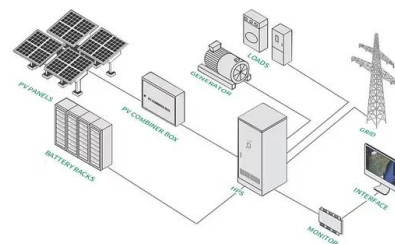


## Energy storage systems can now be integrated with the Fusebox ...

Efficient storage-based microgrids can reduce the overall investment needs of the grid, and help strengthen the overall system which translates into cheaper energy for the end-users. The project "Demand response combination with energy storage systems" by Fusebox OÜ and Pixii AS has been supported by Norway Grants "Green ICT" program

## FuseBox and Pixii joined forces to develop a unique energy storage

Estonian start-up FuseBox and Norwegian company Pixii started cooperation to develop and combine energy storage systems with demand response. The project enables real-time communication between electricity consumers, energy storage and energy systems to maximize the use of renewables and solve the issues related to variable generation.



## Using energy storage to activate "lazy" assets in telecom



However, there is a vast amount of energy storage available in telecom networks around the world that can be used to address local grid challenges. Pixii's PowerShaper is a modular solution that can be customized to meet a range of power requirements, from 10kW to 1MW. The PixiiBox, a 3.3 kW bi-directional power conversion module, is the

## Outdoor Battery Energy Storage

The Pixii PowerShaper2 is a modular battery energy storage system that scales to your needs. It comes with smart functionality like time shift and peak shaving to reduce your energy cost, and it's fully integrated, enabling you to get the most ...



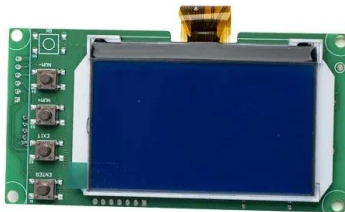
## Using energy storage to support power quality and ...

Pixii's battery energy storage system offers a range of advanced functions, including voltage support, phase balancing, and active and reactive power compensation. The BESS is modular and easy to install, with hot swappable ...

## Introducing Pixii Home - Residential energy storage made simple

Pixii Home enables homeowners to get more out of solar energy, cut electricity bills with smart energy saving functionality, and generate

income by renting out battery capacity to support the local grid through ancillary services like FFR, FCR and FCAS, bringing energy independence within reach.



## Revolutionizing energy management: Meny Revetal's journey to

In response, TGN Energy and Pixii introduced a state-of-the-art solution: the Pixii PowerShaper Battery Energy Storage System (BESS), integrated with TGN Grid. This advanced system serves as the brain of the energy operation, employing intelligent algorithms to decide whether to store or utilize the energy based on predefined targets.

## Products landing page

The Pixii battery energy storage system is modular, easy to scale and quick to deploy. It comes with smart functionality, allowing you to reduce your energy costs, open new revenue streams, and get the most out of your PV installation



## Pixii enters Japanese market

Pixii's contribution to the cooperation is based on PixiiBox, an advanced power electronics module that transfers energy from the grid to batteries and back to the grid when needed. Pixii's technology stands out in the market for its



modularity and scalability. The modular design ensures that the systems are reliable and easy to maintain.

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Efficient storage-based microgrids can reduce the overall investment needs of the grid, and help strengthen the overall system which translates into cheaper energy for the end-users. The project "Demand response combination with energy ...



### Commercial and Industrial ESS

Air Cooling / Liquid Cooling

- Budget Friendly Solution
- Renewable Energy Integration
- Modular Design for Flexible Expansion



## PowerShaper XD

Flexible off-grid/on-grid battery energy storage system. The Pixii PowerShaper XD, is a fully integrated IP55 modular energy storage system designed for easy deployment, high energy density, low noise stand alone or grid connected power. Utilising Pixii ...

## Pixii Home

By storing excess energy, especially from solar panels or during times of low electricity usage, Pixii Home can reduce your need to buy electricity from the grid during periods of higher demand. This can reduce your electricity costs in the long run.





## FuseBox and Pixii joined forces to develop a unique ...

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## Pixii

Pixii recognizes the pressing need for sustainability and provides modular and scalable battery energy storage systems (BESS) that contribute to a greener future. These systems, ranging from a few kW to MWs, are applied in various markets, including EV charging, distribution system operators (DSOs), and residential and commercial applications.



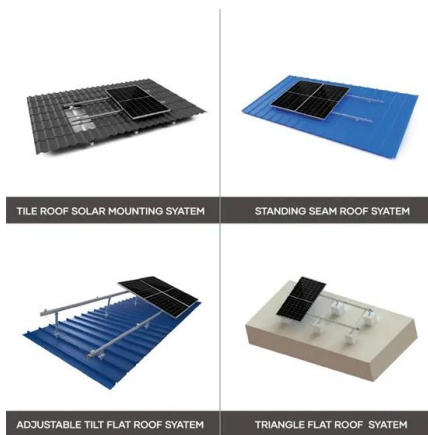
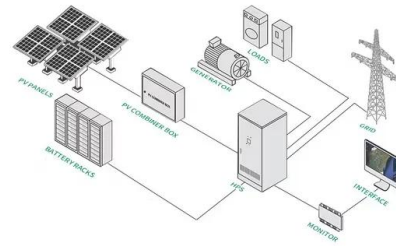
## Pixii & FLEXeCHARGE unite to elevate EV charging efficiency

Volker Rossmann, CSO at Pixii Volker Rossmann, CSO at Pixii. This is a significant milestone for both companies, setting new benchmarks for the EV charging industry. With a shared commitment to innovation and sustainability, Pixii and FLEXeCHARGE are set to drive the future of efficient and sustainable EV charging solutions.

## Outdoor Battery Energy Storage

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and it's fully integrated, enabling you to get the most out of your new or existing solar panels.



## PowerShaper

The Pixii PowerShaper is a modular battery energy storage system that optimizes energy use, helping you avoid costly grid upgrades. It comes with smart functionality like time shift and peak shaving to reduce your energy cost by storing power during low-demand periods. It integrates seamlessly with solar systems for PV self-consumption and

## Deutsche Telekom starts 300MWh battery storage rollout

From left: Chris Mathea, Energy Manager Sustainability Technology, PASM, Konja Wick, Key Account Manager in Pixii and Volker Rossmann, CSO of Pixii. Image: Pixii / Deutsche Telekom. Deutsche Telekom has announced the first battery energy storage system installation in a 300MWh rollout in Germany, with Norwegian firm Pixii the technology provider.



## Use energy storage to activate lazy assets in telecom networks

Pixii's battery energy storage systems with smart



functionality enable telecom operators to better utilize these resources and address challenges in local grids. By introducing bi-directional converters, which can both provide power to telecom loads and feed excess energy back to the grid, telecom operators can make their assets more active

## Pixii, PeakShaper and Tensio

Pixii's smart battery energy storage solution in Lierne is more than just an energy remedy; Businesses in the Jule Industrial area now operate unham-pered, and the area stands at the cusp of new job opportunities and industrial growth. The Lierne pilot project has exceeded expectations, reducing the cost of network loss for Tensio in the area



## Pixii Home

The Pixii Home battery energy storage system is quick to install and easy to use, helping you get more out of your solar panels and reduce your dependency on the grid. Pixii Home is a compact, all-in-one solution that combines cost-saving and revenue-generating functions through value stacking. It connects with most new or existing solar panels

## Pixii and EBERO FAB form strategic partnership

Pixii and EBERO FAB GmbH, a leading German infrastructure expert, have entered into a strategic partnership to significantly increase the distribution of Pixii's energy storage systems in the German market, especially focused on utilities. EBERO FAB will be a value-added

reseller, incorporating Pixii's state-of-the-art storage systems into



## Contact Us

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