

## Solar Energy South Africa

# Pixi energy storage British Virgin Islands

Voltage range

**636V-876V**

Rated voltage

**768V**

Cell type

**Lithium iron phosphate**



## Pixii energy storage British Virgin Islands

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### PowerShaper - Residential

Smart energy storage for apartment buildings. Get more out of your solar investment and enable fast EV charging with Pixii's smart battery energy storage system, reducing energy cost and making your building greener. The Pixii PowerShaper is fully Integrated, and connects with all new or existing solar panels, allowing you to store excess

### Easy installation and maintenance

The Pixii Battery Energy Storage System is designed to be easy to install, quick to deploy, and requires minimal maintenance. With its innovative power architecture, all-in-one cabinets, and intuitive web app, the Pixii BESS is the ...



### **Pixii and Sparkion integrate technologies to transform EV charging**

The partnership aims to streamline the EV charging landscape by seamlessly merging technologies and presenting a turnkey energy management solution with modular energy storage. "We are excited to partner with Pixii, the innovative leaders in the industry for energy storage solutions. This collaboration embodies our forward-thinking approach

## 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

Pixii's first system for the Deutsche is a 6-hour one but Energy-Storage.news has been told of telecoms-focused solutions exploring durations of up to 72 hours. Finnish telecoms firm Elisa last week announced it would ...

## PowerBase XL preconfigured skid solution for Hünfeld

This marks a significant step in providing efficient energy storage solutions for energy-intensive applications. Pixii PowerBase XL - Preconfigured skid, 540kW up to 1,8MWh A practical solution for energy needs. Part of the PowerShaper XL product family, the PowerBase XL offers 530kW power and 1.8MWh storage capacity.



- TELECOM CABINET
- BRAND NEW ORIGINAL
- HIGH-EFFICIENCY

## 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



## Micro grid & off-grid

Are you interested in learning more about energy storage for Micro grid & off-grid? Please share your contact details and we will keep you posted. Pixii AS is committed to protecting and respecting your privacy, and we'll only use your personal information to administer your account and to provide the products and services you requested from



## **ep enhances distributed energy solutions with Pixii partnership in ...**

ep Assets is the latest member of ep Group's energy transition companies, formed in response to client demand for distributed energy systems. ep Consultancy advises corporates, investors and governments on the energy transition and pathways to net zero. ep Architects focuses on sustainable architecture and well-being, while ep Impact supports

## **PowerBase XL**

The PowerBase XL is a high-capacity energy storage system supporting up to 9 PowerShaper XL cabinets, offering 530kW of power and 1.8MWh of storage. Designed for quick

deployment and cost efficiency, it leverages value stacking to combine energy savings with revenue-generating services like peak shaving and fast frequency support.



## 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 ...

## DSO/DNSP

In locations with temporary overloads, energy storage systems can be installed to cover the overload to avoid having to upgrade larger parts of the grid. Explore more. Related products. PowerBase. PowerShaper. PixiiBox. All products. Case studies. CASE: DSO/DNSP. Moving mountains - smart electricity for snowy Sjusjøen.



## Residential

Unlock the value of your battery energy storage system and monetize your system's flexibility by offering available capacity to ancillary services like FFR, FCR, standard ramp FCAS services and more. AC back-up. Secure energy independency during power outages or grid restrictions.

## Pixii named Norway's fastest-growing tech company

Pixii's energy storage systems are 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.



## 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.

## [Pixii Home family](#)

With cutting-edge technology, the Pixii modular energy storage solution gives you a wide range of functions, allowing you to unleash your growth potential. Learn more. We are the first generation to feel the sting of climate change, and we are the last generation that can do something about it.



## Understanding fire safety in Battery Energy Storage Systems



Battery Energy Storage Systems (BESS) play a vital role in the transition to renewable energy, offering flexibility and efficiency. However, this innovation comes with responsibility, especially regarding fire safety. At Pixii, we take fire safety seriously, ensuring our systems meet and exceed safety standards to protect people, property, and

## Deutsche Telekom starts 300MWh battery storage rollout

Energy-Storage.news' publisher Solar Media will host the eighth annual Energy Storage Summit EU in London this week on Wednesday 22 and Thursday 23 February 2023. This year it is in a larger venue, bringing together Europe's leading investors, policymakers, developers, utilities, energy buyers and service providers all in one place.



To Strive forward No Energy Waste



- ✓ All in one
- ✓ 100-215kWh High-capacity
- ✓ Intelligent Integration

## [Explore the benefits](#)

In locations with temporary overloads, energy storage systems can be installed to cover the overload to avoid having to upgrade larger parts of the grid. Ancillary services. Unlock the value of your energy storage system through frequency stabilising ancillary or balance services like, FFR, FCR-D up an/or down, FCR-N, FCAS etc.

## Work started on BVI's Anegada renewable energy facility

Work has begun on Anegada's Hybrid Renewable Energy & Battery Storage System in the British Virgin Islands (BVI), which, upon completion in

November of this year, would harness solar energy to power the island of ...



### [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 enters Japanese market](#)

This also allows Pixii to offer storage solutions to various customer segments, such as utilities, public and commercial buildings, industrial enterprises, telecom operators, entities balancing the energy grid (frequency market), and ...

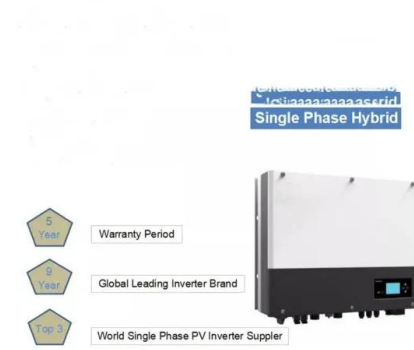


### [Products landing page](#)

At the core of all Battery Energy Storage Systems (BESS) from Pixii you find our bi-directional power conversion unit called the PixiiBox. Bi-directionality means that the energy flow can go both ways, from grid to the battery and back to the grid. It connects to a range of energy sources, like solar panels, the grid, generators, and more.

## PowerShaper Indoor

The PowerShaper Indoor is a modular and scalable energy storage solution designed for indoor applications. It delivers up to 50kW of power and 50kWh of LFP batteries, enabling cost-saving features like time shifting, peak shaving, and demand charge reduction. Pixii's BESS supports a dynamic value stack, maximizing cost savings while



## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
<https://ian-solar.co.za>