

## Solar Energy South Africa

# Estonia volvo penta bess



## Overview

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Why should you choose a Volvo Penta Bess subsystem?

Volvo Penta's BESS subsystems provide you with an energy-dense solution with an advantageous C-rate. This helps ensure efficient energy storage with rapid charge and discharge capabilities, which is ideal for applications where energy reliability and swift power delivery are crucial.

Why should you choose Volvo Penta?

The Volvo Group's investments in battery cell and pack manufacturing around the world is aimed at securing capacity and large-scale series production. Dependable, transportable performance - even in the most demanding environments. Volvo Penta's BESS subsystems provide you with an energy-dense solution with an advantageous C-rate.

Why is Volvo launching a Bess solution?

The company said the launch of a BESS solution is a strategic move to supplement its power generation business and tap into a new segment. A spokesperson for Volvo Group told Energy-Storage.news that the product is a sub-system rather than a full containerised solution.

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### Volvo Penta ups stake in UIG , World Highways

Volvo Penta, part of the Volvo Group, is a global manufacturer of engines and power systems for boats, vessels and industrial applications, with nearly 3,500 dealers in 130 countries. Volvo Penta initially invested in UIG, based in the US and Ireland, in 2023. A written statement from Volvo Penta said that the latest investment "marks a

### Volvo Penta on LinkedIn: #bess #volvopenta #sustianablepower #

Volvo Penta, Tecnogen and Volvo Trucks Italia are working together to advance Battery Energy Storage Systems (BESS) technology, supporting the shift to electric vehicles and sustainable energy



### Battery energy storage subsystem , Volvo Penta US

Battery energy storage systems (BESS) can enhance grid reliability, capacity and resilience through energy storage and delivery. Volvo Penta's energy-dense BESS subsystems are purpose-built to enable OEMs to build transportable, ...

### UtilityInnovation , Scaling grid

## innovation: Volvo Penta follow-on...

It also underlines Volvo Penta's role in the growing global market for energy infrastructure as an independent supplier of energy-dense battery energy storage (BESS) subsystems. Building upon the partnership established with Volvo Penta's initial investment in 2023, UtilityInnovation Group (UIG) will scale its expertise to meet the



## Volvo Penta expands into battery energy storage with OEMs

In a strategic move to supplement its power generation business and tap into new segments, Volvo Penta is launching a new offer - a high-performance subsystem based on the Volvo Group's electromobility platform, optimized for OEMs' BESS applications. "Battery energy storage is increasingly in demand for a variety of applications including utilities, ...

## [Volvo Penta expands into BESS with OEMs](#)

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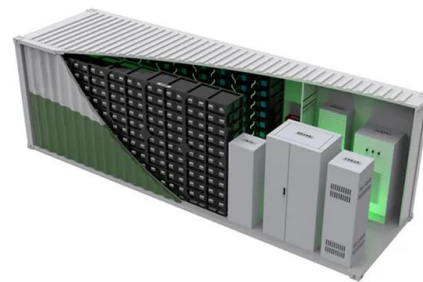
## Battery Energy Storage Systems BESS , Volvo Penta



Battery energy storage systems (BESS) enhance power grid reliability, capacity, and resiliency through energy storage and delivery. From just one to as many units as required, Volvo Penta's solution is modular and ...

## Volvo Penta invests in UIG to support grid integration for utilities

"The investment in UtilityInnovation Group highlights the potential we see in our BESS subsystems for high energy demand sectors," said Hannes Norrgren, president of Volvo Penta's Industrial Business. Sidney Hinton, CEO of UIG, added: "We are thrilled to deepen our partnership with Volvo Penta."



## Volvo Penta & UIG reshaping the BESS landscape

In the rapidly developing energy sector, Battery Energy Storage Systems (BESS) are not just an innovation but a necessity. Recognising the transformative potential of BESS, Volvo Penta has acquired a minority stake in UtilityInnovation Group (UIG) to enable the development of resilient and reliable BESS solutions.

## Volvo Penta expands electromobility offer with cube battery

Volvo Penta unveiled its new cube battery, which is based on proven Volvo Group technology, for

the first time at bauma Munich in Germany. The cube-shaped battery increases the versatility and flexibility of Volvo Penta's electromobility offering, opening up electrification opportunities for more customers across a wider range of industrial subsectors, machines and applications.



## Volvo Penta and Aiab Energy to expand collaboration into BESS ...

Volvo Penta and Swedish backup power solutions company Aiab Energy are strengthening their collaboration to provide an integrated battery energy storage solution that meets the specific needs of Aiab Energy's customers, while contributing to a more sustainable and resilient energy infrastructure. Volvo Penta will supply Aiab Energy with a high ...

### [Subsistema BESS Volvo Penta](#)

Uma vez conectado, todos os componentes ativos no subsistema BESS da Volvo Penta são isolados, selados e monitorados pelo HVIL nas caixas de junção. 7. Interface DC. Adaptada do Grupo Volvo, a interface DC da Volvo Penta é calculada para lidar com a capacidade de carga configurada e conectada ao inversor do OEM. Ajudar os OEM's com o



## Volvo Penta's battery energy storage expertise advances

Earlier in 2023, Volvo Penta declared its provision of subsystems for Battery Energy Storage needs, affirming its dedication to being a

dependable partner for BESS manufacturers. Since then, the company has made notable strides in establishing its first customer relationships.



## Volvo Penta Expands into Battery Energy Storage with OEMs

Volvo Penta is expanding its power generation business into battery energy storage systems (BESS) with OEMs. Volvo Penta's modular and scalable solution is intended for integration into manufacturers' BESS applications to accelerate market entry. This represents a step towards the company's road to net-zero ambitions.



## A powerful alliance: Reshaping the BESS landscape together

Recognizing the transformative potential of BESS, Volvo Penta has acquired a minority stake in UtilityInnovation Group (UIG) to enable the development of resilient and reliable BESS solutions. Strengthened recently by UIG's acquisition of Enicity, we are well-prepared to continue our contribution towards a more resilient energy future.

## Scaling grid innovation: Volvo Penta follow-on investment in

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## Approccio alla partnership , Volvo Penta

At Volvo Penta, close cooperation with OEMs is something that comes natural. Potenza e affidabilità - a terra e in mare; Soluzioni Industriali; Approccio alla partnership. Soluzioni per la decarbonizzazione industriale e la produttività Sottosistema Volvo Penta BESS. Carburanti rinnovabili. Potenza e prestazioni, con minori emissioni.

## Volvo Penta's battery energy storage expertise advances

Volvo Penta is advancing its net-zero initiatives by providing its battery energy storage subsystem to BESS manufacturers venturing into charging infrastructure support. This is exemplified in a recent collaboration with ...



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**ESS**



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**Volvo Penta and UIG partner to support grids with BESS**

Just days after announcing its strategic entry into the battery energy storage (BESS) sector jointly with OEMs, Volvo Penta as a BESS subsystem supplier has unveiled a partnership with Utility Innovation Group (UIG) aimed at US and international markets. The two companies are collaborating to enhance power grid reliability and resiliency through battery energy storage ...



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**Battery energy storage subsystem , Volvo Penta UK & Ireland**

Battery energy storage systems (BESS) can enhance grid reliability, capacity and resilience through energy storage and delivery. Volvo Penta's energy-dense BESS subsystems are

purpose-built to enable OEMs to build transportable, high-performance BESS solutions supporting the energy transition in industries where energy density is essential.



### [Volvo Penta invests further in UIG](#)

Building upon the partnership established with Volvo Penta's initial investment in 2023, UIG will scale its expertise to meet the accelerating demand for more dynamic, sustainable electric grid infrastructure, the announcement stated.. By combining Volvo Group's technology and global footprint with UIG's deep integration experience, the continued partnership is ...

### Scaling grid innovation: Volvo Penta follow-on investment in

Volvo Penta announced a follow-on investment in UtilityInnovation Group (UIG), a USA and Ireland based company specializing in resilient, innovative utility systems and decentralized energy solutions.



### Volvo Penta Launches Energy-Dense BESS Subsystems for ...

Volvo Penta's BESS subsystem is also designed to withstand tough environments, offering robust protection against dust and corrosion for reliable performance in challenging conditions. With ingress protection (IP) ratings and corrosion-resistant materials, it is built for durability and dependability in tough environments.

## Contact Us

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