

**PIENAAR ENERGY (PTY) LTD**

# **Cabine liquid-cooled energy storage products**



## Overview

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The liquid cooling battery cabinet is a distributed energy storage system for industrial and commercial applications. It can store electricity converted from solar, wind and other renewable energy sources. · Premium Grade A. The SolaX Energy Storage System (ESS) - TRENE is an advanced liquid cooling solution designed for large-scale energy storage needs. With a 261kWh stand-alone capacity and 125kW output (peaking at 137. Featuring a high-efficiency liquid cooling system, it ensures superior thermal balance, longer battery life, and stable performance under various environmental. The commercial and industrial energy storage solution we offer utilizes cutting-edge integrated energy storage technology. Our system is designed to enhance energy density and thermal performance, accelerate installation times, engineered for optimal serviceability, and minimizing capital.

## Cabine liquid-cooled energy storage products



Display screen  
Linux operation system  
quad-core processors  
smooth and stable system

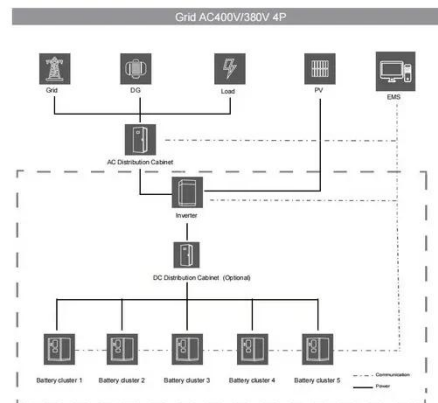
### 836kWh Liquid Cooled Battery Storage Cabinet (eFLEX BESS)

The eFlex 836kWh system is designed to fit into even the most compact spaces. With an energy density of 98.4kWh/m<sup>3</sup> and a footprint of just 3.44m<sup>2</sup>, it offers a high-performance solution that maximizes space ...

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### Containerized Liquid Cooling ESS VE-1376L

Vericom energy storage cabinet adopts All-in-one design, integrated container, refrigeration system, battery module, PCS, fire protection, environmental monitoring, etc., modular design, with the characteristics of ...



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Energy storage(KWh)

**102.4kWh**

Nominal voltage(Vdc)

**512V**

Outdoor All-in-one ESS cabinet



### SolaX ESS-TRENE , All-In-One C& I ESS Cabinet

The SolaX ESS-TRENE is an all-in-one C& I energy storage cabinet, in liquid cooling model. Equipped with high-performance LFP cells, advanced energy management, and robust safety features, suitable for versatile ...

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## Liquid-cooling Energy Storage Cabinet

Our liquid-cooling energy storage cabinet is engineered for high-efficiency, scalable ESS solutions. It combines top-tier LiFePO4 cells, advanced liquid cooling, and AI-powered safety features to ensure reliable operation ...



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## 261kWh Liquid Cooling Energy Storage System , Wenergy

The 261kWh liquid-cooled BESS is an advanced outdoor energy storage cabinet designed for commercial and industrial applications. Featuring a high-efficiency liquid cooling system, it ensures superior thermal balance, ...

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## All-in-One Liquid Cooling Energy Storage Cabinet

Designed for commercial and industrial applications, this 261kWh energy storage cabinet integrates cutting-edge 314Ah LiFePO4 battery cells with a high-performance liquid cooling system to achieve higher energy ...



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## Liquid-cooling Cabinet (Outdoor)



Our system is designed to enhance energy density and thermal performance, accelerate installation times, engineered for optimal serviceability, and minimizing capital expenditures (CAPEX).

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## Liquid Cooling Energy Storage Systems , All-in-One BESS Cabinet Solutions

Ranging from 208kWh to 418kWh, each BESS cabinet features liquid cooling for precise temperature control, integrated fire protection, modular BMS architecture, and long-lifespan lithium iron phosphate (LFP) cells.



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## Liquid-cooled energy storage cabinet - CHARGING-CUBE

Fast charging for long-distance travel on highways and expressways. Commercial charging hubs in urban and business districts. Public and private parking lot charging solutions. Dedicated charging for commercial and ...

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