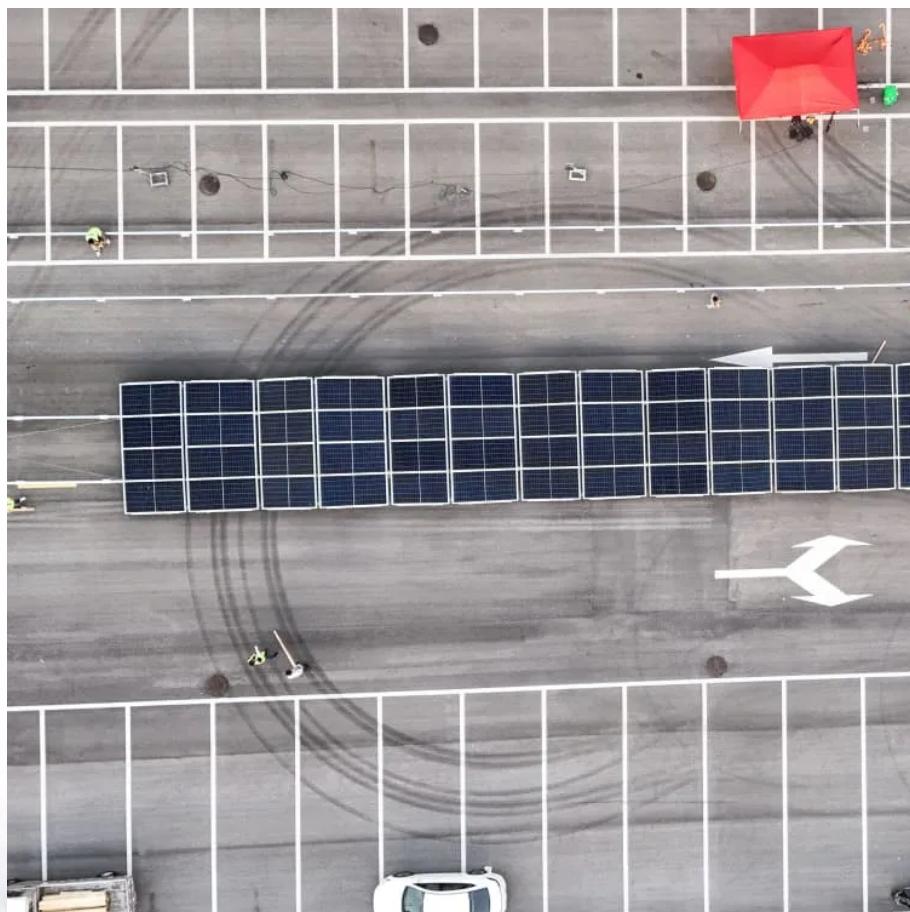




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# **BESS Western European Uninterruptible Power Supply Company**





## Overview

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What is the battery energy storage system (BESS) industry?

The Battery Energy Storage System (BESS) industry has experienced remarkable growth in recent years, driven by the global shift toward renewable energy and the increasing need for reliable grid stability solutions.

Why do we need a Bess system?

By doing so, it ensures that energy resources are utilized more efficiently, minimizing waste and improving the overall efficiency of energy production and distribution. The BESS also offers significant operational flexibility, allowing it to adapt to varying energy demands and supply conditions quickly and effectively.

What is the difference between Bess and ups?

The BESS solution contains a (bi-directional) inverter or converter or rectifier. The UPS contains a separate inverter and rectifier. Both applications store energy in batteries. Current commercial BESS solutions primarily store energy in Lithium-ion batteries of various types (NMC, LFP, LTO).

What services does a Bess OEM offer?

Residential BESS OEMs can also offer value-added services such as energy trading, analytics on battery energy usage and charging, and energy optimization. These services can offer homeowners increased freedom of PV and BESS utilization as well as energy tariff avoidance during peak demand periods.



## BESS Western European Uninterruptible Power Supply Company



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