

# Powin battery components



## Overview

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Powin Energy designs and assembles battery modules, packs and the final turnkey energy storage system using naked cells outsourced from battery makers in China. A controller is added to each module to balance charge across cells, and to each pack to balance charge across modules.

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### U.S. battery supplier Powin files for bankruptcy

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The Oregon-based business has been hit by steepening tariffs as it imported lithium iron-phosphate (LFP) battery components from China.

### STACK 750 POWIN'S INTEGRATED PLATFORM

POWIN'S INTEGRATED PLATFORM Stack750 is Powin's modular battery energy storage platform, purpose-built for the most grueling environments and use cases. Designed to



### POWIN'S COMMITMENT TO SUSTAINABLE BATTERY

BATTERY RECYCLING At Powin, we're not just leading the charge in innovative energy storage solutions - we're pioneering the path to a sustainable future through our comprehensive battery

### Powin Battery Support & Parts , FlexGen

FlexGen delivers continuity, reliability, and expert support for Powin battery systems in operation or development. Learn how we can help.



[Powin signs 5.8 GWh's of Supply Agreements for major battery energy](#)



### **BATTERY GY**

Can be configured with 3rd party EMS allowing customersto still enjoy Powin's industry leading cell fidelity, global monitoring, deep analytics and advanced balancing function.

Powin will be responsible for commissioning the battery energy storage systems and for providing ongoing long-term services including onsite O&M, battery augmentation and 20-year



### **POWIN POD THE NEXT EVOLUTION IN BESS TECHNOLOGY**

Cutting-edge Powin firmware and software designed, written, and tested in the US Powin-tested battery cells backed by independent evaluation in the Powin Battery Lab in Tualatin, Oregon Seamless

### **Powin, SMA America in 2GW deal for BESS components**

Powin Energy will source components from SMA America for 2GW of battery storage systems. SMA America, the regional subsidiary of German



### **Powin , FlexGen**

By owning the software IP and existing battery and spare parts inventory, FlexGen is able to properly maintain operational sites and complete commissioning for

### **STACK OS AN INTEGRATED PLATFORM**

Battery Management System (BMS) The BMS is

the core of StackOS's functionality and differentiation. It enables cell-level monitoring, control, and safety. Additionally, Powin offers a vendor-agnostic cell



### **BATTERY GY**

**PRODUCT LINE:** Powin Stacks Powin Stacks are modular, flexible, purpose-built battery arrays that are easily and cost-effectively scalable from kilowatts to megawatts. Powin's patented StackOSTM - the

### **FlexGen acquires Powin assets following bankruptcy**

Flex Gen is taking over the assets of Oregon-based battery manufacturer and supplier Powin, which filed for Chapter 11 bankruptcy in June.



### **Powin Energy**

Powin Energy designs and assembles energy storage systems using LFP Li-ion cells from CATL and other suppliers. It offers DC and AC solutions for

### **FlexGen acquires Powin IP, will keep popular BESS**

FlexGen Power Systems, a battery integrator and provider of energy management software, will acquire a substantial portion of Powin's business,



### **Powin Energy Storage System Overview**

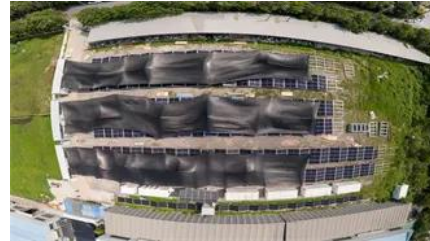
On a non-thermal runaway event, the first



### **STACK 750 CENTIPEDE PLATFORM**

CENTIPEDE PLATFORM Centipede is Powin's modular battery energy storage platform designed to dramatically increase site energy density, decrease installation time, and simplify capacity

person/crew to respond should be appropriately trained and familiar with Powin's Energy Storage Systems and equipped with appropriate and effective gear, as



### [Powin Takes Key Steps to Build US Energy Storage Supply Chain](#)

Powin Energizes the US Energy Storage Supply Chain by Sourcing 5GWh of Battery Technology Annually and Components Manufactured in the United States starting in 2025.

## **Contact Us**

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