

Joint venture brand high voltage busbar



AI Overview

High Performance Busbars is a joint venture between HPW Metallwerk GmbH and Brand KG, producing advanced high-voltage busbars for e-mobility and industrial applications. Overview of the Joint Venture The joint venture, named High Performance Busbars, combines HPW Metallwerk's expertise in insulated high-performance wires with Brand KG's decades of experience in metal forming and assembly technology. Headquartered in Germany, the venture focuses on the development, production, and assembly of high-tech busbars for electric vehicles (EVs) and other high-voltage systems. Technology and Products Materials: Busbars are made from copper or aluminum, chosen for high conductivity, mechanical robustness, and thermal resilience. Design: They are produced as flat conductors or 3D-bent busbar systems, which reduce weight, save installation space, and improve passive cooling compared to conventional cables. Manufacturing: The joint venture integrates the entire value chain, from insulated wire production to automated forming and assembly of complex busbar systems. Applications: Busbars are used to transmit and distribute electrical energy in EVs, connecting batteries, power electronics, and drive units, as well as in industrial and commercial high-voltage systems. Advantages Ease of installation and reduced assembly complexity Mechanical strength and durability Thermal efficiency and improved cooling Cost efficiency, especially when using aluminum Customizable solutions for specific high-voltage architectures Global Presence The joint venture leverages Brand KG's existing operations in China, Mexico, and the EU, aiming to expand into additional international markets. Production and sales are managed close to customers in Europe, North America, and Asia, ensuring support from development through industrialization to series production. Summary High Performance Busbars represents a strategic collaboration to deliver innovative, high-voltage busbar solutions for the rapidly growing e-mobility sector. By combining ma...

Article Content

HPW Metallwerk GmbH and Brand KG establish the joint venture High ...

The joint venture, operating under the name High Performance Busbars, offers the complete value chain for the production of high-tech wires and busbars for e-mobility under one roof.

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#hpw #hpw #brandgroup #emobility #busbars | HPW Metallwerk

The Brand KG and #HPW have founded the joint venture “High Performance Busbars” to combine their technological expertise in insulated flat wires, busbars and busbar assemblies under one...

Joint Venture High Performance Busbars

Die HPW Metallwerk GmbH (HPW), ein Hersteller von Hochleistungskupferdrähten für die Industrie, hat mit der Brand KG (brandgroup) ein Joint Venture zur gemeinsamen Herstellung von

HPW Metallwerk GmbH and Brand KG establish the joint venture High ...

HPW Metallwerk GmbH gründet gemeinsam mit Brand KG das Joint Venture High Performance Busbars

EQS-News: HPW Metallwerk GmbH gründet gemeinsam mit Brand KG das Joint ...

Durch das Joint Venture bündeln beide Unternehmen ihre Expertise, um maßgeschneiderte Busbar-Lösungen aus speziell beschichteten High-Tech-Flachleitern für die E

High Performance Busbars

Innovative busbar-system solutions for the e-mobility | High Performance Busbars is a joint venture between HPW Metallwerk, based in Linz (Austria), and the German company Brand KG (brandgroup ...

High Performance Busbars | LinkedIn

High Performance Busbars is a joint venture between HPW Metallwerk, based in Linz (Austria), and the German company Brand KG (brandgroup), located in

Electric performance of hybrid busbar joints under service and high ...

This paper is focused on hybrid busbar joints with a twofold objective of understanding the differences in electrical resistance under service conditions and evaluating their performance when

Joint Venture High Performance Busbars

High Performance Busbars ist ein Joint Venture der HPW Metallwerk aus Linz (Österreich) und der deutschen Brand KG (brandgroup) mit Firmensitz in Anröchte.

HPW and Brand KG form High Performance Busbars joint venture

The joint venture will offer integrated development and production of busbars across Europe, Asia and North America.

hpw Metallwerk GmbH

The joint venture, operating under the name High Performance Busbars, offers the complete value chain for the production of high-tech wires and busbars for e-mobility under one roof.

hpw Metallwerk GmbH

Through the joint venture, both companies combine their expertise to produce customized busbar solutions made from specially coated high-tech flat conductors for the e-mobility

Hpw Metallwerk GmbH | HPW Metallwerk and Brand KG Form Joint

HPW Metallwerk GmbH and BRAND KG have launched a joint venture called High Performance Busbars. This venture seeks to integrate expertise in high-tech wires and busbars for e

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HPW and Brand KG form High Performance Busbars joint venture

Joint venture for high-performance busbars HPW and Brand KG have set up a joint venture to develop high-performance busbars for EVs, writes Nick Flaherty. HPW Metallwerk GmbH in Linz, Austria ...

HPW Metallwerk and Brand KG Form Joint Venture for E-Mobility Busbars

HPW Metallwerk GmbH and BRAND KG have launched a joint venture called High Performance Busbars. This venture seeks to integrate expertise in high-tech wires and busbars for e

HPW Metallwerk GmbH gründet gemeinsam mit Brand KG das Joint Venture ...

Das Joint Venture, das unter dem Namen High Performance Busbars firmiert, bietet die gesamte Wertschöpfungskette für die Herstellung von High-Tech-Drähten und Busbars für die E

Joint Venture High Performance Busbars

The joint venture, operating under the name High Performance Busbars, offers the complete value chain for the production of high-tech wires and busbars for e-mobility under one roof.

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Joint venture for high-performance busbars

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