BMW GROUP
Corporate Communications

Media Information
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BMW Group, IONNA and Alpitronic join forces to demonstrate High-Power Charging: up to 460 kW for the new BMW iX5 60 xDrive

Laguna Hills / USA. BMW Group, IONNA and Alpitronic join forces to demonstrate High-Power Charging as a part of an International Media Event.

The first ever battery-electric BMW X5 – raising the bar.
The new BMW iX5 is being launched with the sixth generation of BMW's eDrive technology. This includes a new powertrain with a completely new high-voltage battery concept and will now be implemented in the new BMW iX5, after having debuted in the BMW iX3.

Known as Gen6, this new development with 800V technology delivers significantly extended range, faster charging, and bidirectional charging functionality. Alongside updated and highly efficient electric motors, Gen6 includes completely new high-voltage batteries with cylindrical cells. These deliver 20% increased volumetric energy density than their predecessors, the Gen5 prismatic battery cells.

Faster Charging for the iX5 60 xDrive means: up to 460 kW peak DC Charging Power and adding a range of up to 217 miles in only 10 minutes (WLTP). Charging the 141 kWh battery pack (net) from 10 to 80 per cent takes just 22 minutes.

"Showing the full high-power charging potential of the new BMW iX5 for the first time in front of global media in Southern California, makes us very proud.
We want to thank our partners at IONNA and Alpitronic who help to make this demonstration possible with outstanding expertise in their fields of technology. Charging with up to 460 kW, and many new intelligent Charging functions, are key aspects of the technological leap we are taking with our Gen6 eDrive technology, fully focused on our global customers." says Dr. Thomas Engelhardt SVP High-Voltage Battery and Charging at BMW Group.

IONNA: Turning high-power charging into a reliable customer experience
IONNA's EV Charging network is the connective tissue, tying together vehicle innovation with reliable hardware to preserve the customer-experience. For drivers, the public charging experience extends beyond plugging in and IONNA is building a customer-focused network that caters to the customers' top priorities:

Reliability, with rigorous interoperability testing and operations designed to keep charging simple and dependable; affordability, including charging discounts available to eligible BMW drivers; and convenience, through seamless digital integrations and locations designed around the needs of our drivers and their journeys.

"This collaboration is translating next-generation charging technology into an experience drivers can trust," said Seth Cutler, CEO of IONNA. "By bringing together BMW's vehicle innovation, Alpitronic's high-power charging hardware expertise and IONNA's customer-first network, we are helping redefine what public charging should be, while building a foundation for what comes next."

Alpitronic: Advancing charging technology alongside vehicle innovation
Alpitronic brings its high-power charging expertise to the demonstration, delivering up to 460 kW to the new BMW iX5 through close collaboration with BMW Group and IONNA. Building on its long-term partnership with BMW, Alpitronic is advancing charging capabilities alongside vehicle technology to meet the requirements of next-generation electric vehicles.
The shared focus is seamless interaction between the vehicle and charging hardware that supports a fast, simple charging experience for drivers.

The 460kW experience is a technology demonstration and does not represent charging hardware commercially available in the U.S. today.

"Vehicle innovation and charging infrastructure must advance together. Our long-term partnership with BMW gives us a deep understanding of how to bring those technologies together, and this demonstration with IONNA shows what that collaboration can deliver," said Philipp Senoner, CEO and co-founder of Alpitronic.

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The BMW Group
With its four brands, BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial services. The BMW Group production network comprises over 30 production sites worldwide; the company has a global sales network in more than 140 countries. In 2025, the BMW Group sold 2.46 million passenger vehicles and more than 202,500 motorcycles worldwide. The profit before tax in the financial year 2025 was € 10.2 billion on revenues amounting to € 133,5 billion. As of 31 December 2025, the BMW Group had a workforce of 154,540 employees. The economic success of the BMW Group has always been based on long-term thinking and responsible action. Sustainability is a key element of the BMW Group's corporate strategy and covers all products – from the supply chain through production to the end of their useful life.

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About Alpitronic
Alpitronic is a global manufacturer of high-performance EV charging systems that work reliably at scale through integrated hardware, software, and service. Founded in 2009 and built on deep power electronics expertise, Alpitronic develops DC fast-charging solutions for public charging networks, retail destinations, fleets, autonomous mobility hubs, and heavy-duty transport. With more than 125,000 charging ports installed and 223 million charging sessions,

Alpitronic is making high-power charging a dependable foundation for electric mobility worldwide.

www.alpitronic.it/en
LinkedIn: www.linkedin.com/company/alpitronic-srl

About IONNA
IONNA is a joint venture founded by eight of the world's leading automakers: BMW, General Motors, Honda, Hyundai, Kia, Mercedes-Benz, Stellantis, and Toyota. Built to redefine EV charging across North America, IONNA is creating a reliable, convenient, and customer-focused charging network that supports both everyday driving and long-distance travel. Through ultrafast charging, thoughtfully designed Rechargeries, advanced technology, and strategic retail partnerships, IONNA is delivering the coverage drivers need, the reliability they deserve, and the amenities they crave. Learn more at ionna.com.

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