



TESTIVAL

Press Release

CharIN Conference & Testival EUROPE in Valencia, Spain, CharIN largest interoperability testing event for EV charging, shapes the future of electric mobility.

October 24 - 27, 2023

Location: Valencia, Spain

Host: Power Electronics

In a dynamic showcase of innovation and collaboration, the CharIN EUROPE Conference and Testival held from October 24-27, 2023, hosted by Power Electronics in Valencia, Spain, set a new benchmark in the realm of electric mobility. In total more than 415 international testers, conference participants, and testival observers gathered in person at Valencia in Spain, to exchange knowledge, discussing the future and the present of e-mobility and test interoperability between vehicles of all kinds and a variety of charging stations.

CharIN Chairman Claas Bracklo stated: "It is an immense pleasure to hold the biggest CharIN Testival ever in the rapidly growing Iberian market and especially in sunny Valencia at Power Electronics. With this event, our commitment to the future of e-mobility has reached new heights. We are extremely proud to announce that this CharIN Testival was powered solely by solar energy, a testament to our dedication to sustainability and clean energy in the electrification of transportation."



CharIN Testival

**The leading e-mobility test event
enabling interoperability.**



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Through the utilization of Power Electronics' 4MW hybrid facility, which encompasses photovoltaic panels, a solar inverter, and a battery inverter, we successfully achieved a fully sustainable Testival. This remarkable feature was made possible by intelligent discharging the batteries during periods of reduced solar radiation and directly harnessing power from the panels during times of solar exposure.

The CEO of Power Electronics David Salvo, host of the CharIN Testival Europe 2023 in Spain stated: "It has been an honor to host the most important electric mobility event in Europe and to allow attendees to get to know our Campus, as well as to bring Valencia closer to the leading electric vehicle manufacturers, charging infrastructure, and other stakeholders in the electric mobility value chain".

The CharIN EUROPE Conference and Testival was a shining example of unity within the electric mobility community. This event was made possible through the unwavering support and collaboration of Power Electronics and an array of industry partners.

The coming together of this industry community in Spain underscores our shared commitment to a sustainable, cleaner future.

3rd Conference Europe: A Glimpse into the EV Future

The 3rd CharIN EUROPE Conference illuminated the path forward for electric mobility with six engaging panels and 3 captivating keynotes. On a momentous occasion, the President of Valencian Government inaugurated the CharIN EUROPE Conference and Testival, marking the commencement of a groundbreaking gathering in the world of electric mobility in Spain.

After Welcoming Words from CharIN and Power Electronics, panels addressed topics from Harmonizing EV Charging with the Power Grid to Future Strategies in Connectivity and Charging Technologies to Cybersecurity. Panels featuring industry giants and thought leaders delved into a variety of topics, shedding light on the MCS Roadmap for heavy-duty e-Mobility, discussing the political landscape for e-Mobility in the future and sharing insights about EV payment interoperability.



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Conference and Festival participants were impressed by the broad range and depth of topics that were covered by the conference.

Noteworthy takeaways included the increasing consolidation of "Plug & Charge", a clear call from charging infrastructure manufacturers for the support of public administrations to maintain their technological and industrial leadership, that the Spanish value-chain it is getting ready for the roll-out of MCS and the pressing need for standardization in the Latin American electric mobility market to facilitate interoperability, safety, and reliability in electric vehicle charging.

CharIN Festival Europe 2023: Where Innovation Meets Interoperability

Held from 25-27, 2023, the CharIN Festival Europe 2023 brought the theoretical into the practical, transforming the picturesque landscape outside of Valencia at Power Electronics into a vibrant laboratory for EV technology testing. Attendees experienced firsthand the validation and improvement of interoperability in electric vehicle charging solutions. Bringing together 35 Testing companies from all over the world, this event provided the opportunity to not only participate in interoperability testing, controller testing and cybersecurity testing but also, for the first time, successfully live Plug & Charge end-to-end testing.

Stats & Facts CharIN Conference & Festival EUROPE Spain 2023

- Over 400 attendees at the CharIN Conference & CharIN Festival
- 176 attendees of the CharIN Conference
- 239 attendees of the CharIN Festival
- 35 % Spanish attendees, 55 % rest of Europe, 10 % from all around the world (amongst others from Australia, Argentina, Korea, USA, Canada)
- 33 highly renowned e-Mobility speakers and panelists at the CharIN Conference
- 35 different testing e-Mobility companies at the CharIN Festival
- 108 companies overall
- 3 trucks, 13 electric cars, 18 charging stations, 10 test systems
- Energy from 100 % solar power
- 152 testing slots



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About CharIN e.V.

The Charging Interface Initiative (CharIN) is the largest global association focused on the electrification of all forms of transportation based on the seamless and interoperable charging experience enabled for example by the Combined Charging System (CCS) and the Megawatt Charging System (MCS). CharIN represents 300+ leading e-mobility stakeholders from the entire EV charging value chain. It is open to all interested parties and has offices in Germany, Hong Kong, South Korea, India, Japan, China, and the US. Please find more information at www.charin.global.

About Power Electronics

Power Electronics is the world's leading manufacturer of solar inverters for photovoltaic plants in Europe, Oceania and America and the world storage leader. Its products are present in nearly 2000 plants in 35 countries around the world. The company closed 2022 with a figure of 70 GW of installed AC power, which has prevented the discharge of more than 70,5 million tons of CO2 into the environment.



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