

Invitation to:

## Webinar on electrical charging

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**Hanau – Electromobility is the focus of the public not only at the leading international motor show IAA. Urgent questions revolve around the range of the electric automobile and the charging infrastructure. VACUUMSCHMELZE (VAC) is organizing a webinar on electric charging, which will take place on the 26th of September, from 3 p.m. to 4 p.m. Approaches to solutions will be shown and described for the technical challenges presented by different charging modes, such as with AC charging via IC-CPD or a wallbox (Mode 2 & 3), DC quick charging (Mode 4) and inductive charging.**

VAC has extensive problem-solving expertise in the automotive and aviation sectors as well as in the field of energy and industrial applications, and has been focusing on innovative products for the charging infrastructure for quite some time. This has included differential current sensors, current transformers, EMC chokes, power transformers and operating current sensors, which make it possible to realize highly performant and reliable solutions for the relevant charging modes.

“Safety increases due to the use of a differential current sensor that can be integrated in an IC-CPD or wallbox, because the sensor also detects DC current errors, which then protects the domestic electrical installation as well. In addition, VAC current sensors can be used for simple monitoring purposes and as precise measuring instruments. The high transmission ratio of VAC current transformers provides the right output voltage for simple signal processing across the entire current range”, explains Frank Schnelle, Webinar presenter, Product Manager and expert for VAC charging infrastructures.

If you are interested, dial in via the specific link provided at [electronics-know-how.com](http://electronics-know-how.com) to find out more.

## **VACUUMSCHMELZE**

VACUUMSCHMELZE (VAC), based in Hanau, has 4,300 employees worldwide, 1,450 of whom are in Hanau. The company designs, produces and markets advanced materials, particularly with magnetic, but also with other physical qualities as well as related products. In 1914, the first vacuum furnace laid the foundation for today's VACUUMSCHMELZE. Industrial vacuum melting techniques for alloys have been in operation since 1923.

VAC Group today achieves annual sales of approx. 380 million euros in over 50 countries and is holder of around 800 patents. The company is among the world's most highly innovative developers of advanced industrial materials.

VAC's range of products comprises a broad array of advanced semi-finished materials and parts, inductive components for electronics, magnets and magnet systems for use in a wide variety of fields and industries spanning watch-making and medical technology, renewable energies, shipbuilding, installation technology, automotive and aviation. VAC's custom solutions are developed in close collaboration with the customer, reflecting the company's expertise in materials, applications and state-of-the-art production technology.

For more information, visit [www.vacuumschmelze.com](http://www.vacuumschmelze.com)

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