



VARTA

Press release

Ellwangen, 10th November 2021

VARTA presents new CoinPower F-Version at Compamed 2021

The Ellwangen-based technology company will present its broad microbattery product portfolio for the medical sector at this year's Compamed – including the latest CoinPower F-Version.

The F-Version of the rechargeable lithium-ion CoinPower series are lithium-ion phosphate-based cells that offer the highest inherent safety. The type CP7840 F1 has a diameter of 7.8 mm and a height of only 4 mm. Further types are already in development. The F-Version was developed primarily for technological applications that are worn directly on the body or on the skin and are always or always have to be in operation. Thus, extraordinary security can be provided even in human states of external rest and thus when less attention is paid, such as when sleeping. The use of these coin cells is possible, for example, in so-called sleep buds as well as in other applications for monitoring and controlling health.

"VARTA's CoinPower series, based on lithium-ion technology, offers the highest energy densities in the smallest space. We are pleased that we are already in talks with customers for the new F-Version. In addition, there is also the well-known A-Version which with the current A4 generation already has a 30% higher energy density than the previous type. The C-Version of the CoinPower family is based on LCO technology and has an increased fast-charging capability," says Dr Michael Berger, General Manager Lithium-Ion CoinPower.

In addition to CoinPower, VARTA offers many other battery solutions for the medical and healthcare sectors, ranging from primary VARTA Alkaline Industrial Pro batteries, primary silver oxide cells and primary lithium round and button cells to rechargeable nickel metal hydride cells.

As the world market leader in hearing aid batteries, VARTA offers individual solutions in the form of lithium-ion batteries. With customized assembly, the development of new innovative hearing aid solutions can thus be driven forward here as well. VARTA INDIVIDUALS supplies specific and individual energy solutions that are currently used in implants and can be produced in industrial small series for other medical devices exactly according to customer's specifications. The company also produces hearing aid batteries with proven zinc-air technology.

With the wide-ranging product portfolio, a multitude of future-proof and smart applications in the field of medicine and health can be made possible, ranging from childhood to old age: for example, smart baby monitoring systems, so-called smart pills, smart patches, sensors and measuring devices, implants and hearing aids or intelligent security systems for health.

The energy solutions are developed in Germany and produced accordingly to the highest standards. They have an extraordinary runtime, exhibit low self-discharge and are robust.

"VARTA's brand promise is to contribute to a more independent life, and that is exactly what we want to do with our energy solutions for healthcare and medical products," says Torsten Schmerer, General Manager Microbatteries at VARTA AG. "We produce both standard and customized battery solutions that will make even better and smarter devices and applications in the medical sector possible in the future."



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The VARTA team will be happy to provide expert advice in Hall 13, Stand E36, at Messe Düsseldorf. Tickets and appointments can be booked [here](#).

David Richardson, Distribution Manager Microbatteries, and Leon Wanless, Head of Sales Europe Li-Ion CoinPower at VARTA, will dive into the world of microbatteries and present the variety of applications on Monday, 15 November 2021 from 11:50 am to 12:05 pm at the VARTA stand in Hall 12 / E35 with the title "Empowering Independence in Medical Health". On Thursday, 18 November 2021 from 11:30 a.m. to 12:00 p.m. they will speak on the topic of "Energy Solutions for Innovations in Medical Health" in Hall 14 at Stand F22.

COMPAMED 2021, the leading international trade fair for the medical manufacturing supply market, will take place from 15 - 18 November in a presence format parallel to the world's leading medical trade fair, MEDICA 2021, in Düsseldorf Exhibition Halls 13 and 14. COMPAMED's trade visitors come from the world's most important markets. The trade show offers a diversity that is unique worldwide - a comprehensive range of components, parts, services, digital technologies and more, from which the medical technology of tomorrow is created.

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About VARTA AG

VARTA AG produces and markets a comprehensive battery portfolio from microbatteries, household batteries, energy storage systems to customer-specific battery solutions for a variety of applications and, as a technology leader, sets industry standards in important areas. As the parent company of the group, it operates in the business segments "Lithium-Ion Solutions & Microbatteries" and "Household Batteries".

The "Lithium-Ion Solutions & Microbatteries" segment focuses on microbatteries, lithium-ion coin power, lithium-ion round cells (lithium-ion large cells) and the lithium-ion battery pack business. Through intensive research and development, VARTA sets global standards in many areas of lithium-ion technology and microbatteries, making it a recognized innovation leader in the important growth markets of lithium-ion technology and in primary hearing aid batteries. The "Household Batteries" segment comprises the battery business for end customers, including household batteries, accumulators, chargers, portable power (power banks) and lights as well as energy storage devices.

The VARTA AG Group currently employs almost 4,800 people. With five production and manufacturing facilities in Europe and Asia as well as sales centers in Asia, Europe and the USA, the operating subsidiaries of VARTA AG are currently active in over 75 countries around the world.



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Microbattery product portfolio



Application: Smart Patch



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Coin cell CoinPower F-Version



Application CoinPower F-Version: Sleepbuds