

Smaller, lighter, more powerful: Three new Lithium-Ion cells

VARTA Microbattery at the Embedded World 2019

On 26 February 2019, the globally leading international trade fair Embedded World starts in Nuremberg. The trade fair for embedded systems will particularly be focussing on topics such as electronic system security, distributed intelligence and the Internet of Things. The provision of suitable energy for the connected world of the future forms the focus of VARTA Microbattery's trade fair presentation. At Booth 717 in Hall 3A, the company will be showcasing batteries for use in a wide variety of applications including wearable technologies, IT/communications, industrial/robotics, consumer, medical, automotive, and home & garden. "Our rechargeable Lithium-Ion batteries are innovation drivers. We continually develop our products through systematic research work, drawing on over 130 years of battery technology know-how," explains Herbert Schein, CEO of VARTA AG, and adds: "Batteries are increasingly becoming a strategic component of products that demands high quality and reliability."

VARTA Microbattery is presenting three new Lithium-Ion cell types for its proven CoinPower series at Embedded World: the CP 0854, CP9440 and CP7840. The new CoinPower (CP) models are even smaller and lighter, and offer even more convenience for end users. Short charging times, high reliability and robust construction complete the profile of the CP series. The CP 7840 and CP 9440 models, which are just four millimetres thick, were developed for headphones, fitness watches and smart car keys. The cylindrical shape and high energy density of the CoinPower series make these microbatteries the ideal solution for wearables, automotive technology and medical devices. "We're constantly accelerating the miniaturisation of our cells. This enables manufacturers to make their application devices ever smaller and flatter," says Matthias Dorsch, Product Manager at VARTA Microbattery GmbH. The CoinPower series is produced fully automatically in one of Europe's most high-tech production plants at VARTA Microbattery in Ellwangen, Germany.