

Press Release

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More energy during sport: The latest VARTA batteries for wearables and more

VARTA Microbattery presents three new Lithium-Ion cells for wearables and hearables at the ISPO Munich 2019

Nowadays, sports enthusiasts who want to monitor or increase their performance increasingly rely on smart devices. Wearables and hearables are already standard products as practical training aids for many different sports. One of the greatest challenges remains making precise and continuous records of vital data during everyday life. For this reason, reliable batteries are essential for a successful result. They determine the performance and usage duration of the mini-computers and gadgets. And the standards are growing higher. The performance level of wearable devices is increasing, while at the same time, they are becoming smaller and lighter. The amount of energy provided by batteries has to be adapted accordingly. At the ISPO Munich, the world's largest trade fair for sports articles and sports fashion, VARTA Microbattery will demonstrate what is currently possible in this field at the shared Wearable Technologies stand in Hall C6, Stand 706, from 3 to 6 February 2019.

VARTA Microbattery will present its CoinPower series at the trade fair in Munich. This includes three new flat Lithium-Ion cell types: the CP 0854, CP9440 and CP7840. Their cylindrical shape and high energy density makes them an ideal energy source for wearables and hearables. "The new cells are the result of our ongoing drive to improve miniaturisation. This is of benefit to manufacturers, since they can make their devices increasingly smaller and flatter", Matthias Dorsch, Product Manager at VARTA Microbattery GmbH, explains.

The coin cells with high capacity and fast charging capability are easy to install in end devices. The strong steel housing of the cells ensures high tolerance against impact and vibration. The CoinPower series has produced several patents, including the i-Lock system, which together with the circular form enables up to 30 percent higher energy density than comparable batteries on the market.

About VARTA AG

As the parent company of the Group, VARTA AG is active in the business segments Microbatteries and Power & Energy through its operating subsidiaries VARTA Microbattery GmbH and VARTA Storage GmbH. Already an innovation leader in the microbattery sector and a market leader for hearing-aid microbatteries, VARTA Microbattery GmbH also aspires to market leadership for lithium-ion batteries. VARTA Storage GmbH focuses on the design, system integration and assembly of stationary lithium-ion energy storage systems for households and commercial applications as well as customized battery storage systems for OEM customers. The Group's operating subsidiaries are currently active in more than 75 countries around the world, with four production and assembly facilities in Europe and Asia as well as distribution centers in Asia, Europe and the United States.

Press images:



The new CoinPower series cells from VARTA Microbattery (Photo: VARTA Microbattery GmbH)



The new cell types from the proven CoinPower series are used in fitness trackers, for example. (Photo: VARTA Microbattery GmbH)

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