

Press release

New battery system integration service from VARTA Microbattery lets OEM project teams focus on core electronics design tasks

Ellwangen, in November 2009

CellPac PLUS draws on VARTA's chemical and electronic engineering expertise to provide optimised batteries for portable devices

VARTA Microbattery today announced the launch of CellPac PLUS, a system integration service for batteries aimed at manufacturers of advanced portable electronics devices.

CellPac PLUS offers a break from the traditional battery design and manufacturing process, in which a portable device OEM sources discrete components including cells, connectors, casings and regulator ICs, and integrates them into a complete design in-house.

Under CellPac PLUS, VARTA Microbattery designs and manufactures a complete battery pack that can be dropped into the OEM's end product on the assembly line. This promises to provide two key benefits to the OEM:

- Improved use of internal design staff, who can now focus on core hardware and application design tasks
- Improved device performance – VARTA's CellPac PLUS designers have unrivalled knowledge of the chemical and electrical functioning of cells, and fine-tune every CellPac PLUS battery pack for the requirements of the device it powers.

Gordon Clements, Sales and Marketing Manager of VARTA Microbattery, said: 'Electronics OEMs' design teams are typically composed of digital and analogue electronics engineers, software developers and mechanical engineers. I cannot think of a single one that employed a chemical engineer in its design team. VARTA, on the other hand, is a chemical engineering company having all the disciplines required to design battery systems – we live and breathe batteries. Who better, then, to design a battery pack that is ideal for the device it is inside?

'Battery design is not a job that OEM designers want to be doing, or should be doing. Now, with the introduction of CellPac PLUS, they do not have to.'

Brands of
VARTA Microbattery:





Under CellPac PLUS, customers define with VARTA's design consultants an electrical and mechanical specification for the battery pack which is then translated into a full battery design to meet their precise specification.

This means that the OEM simply has to define the power supply requirement, and the form factor, battery lifetime and charging cycle limitations. Design and manufacturing of the cells, control and regulator electronics, connectors, housings and casing is handled by CellPac PLUS.

OEMs wanting to know more about CellPac PLUS can contact VARTA Microbattery at www.cellpacplus.com or a representative directly.

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VARTA Microbattery GmbH

VARTA Microbattery is one of the major battery manufacturers in the world maintaining production facilities globally in order to supply more than 100 countries with quality products. The headquarter of the company is in Germany, Ellwangen. We develop and produce batteries comprising many electrochemical systems and cell geometry's. As global system supplier we provide the best solution possible to satisfy our customer's application requirements.

About Montana Tech Components AG

Montana Tech Components AG focuses on selected key technologies in global markets which show a particularly rapid growth and also have a strong growth potential in the medium term. The three divisions of the holding - Aerospace & Industrial Components, Metal Tech and Varta Micro Power - are among the leaders in their respective international markets.