

## **New solid fuel cell systems**

Smart Fuel Cell GmbH, Germany, offers solid fuel cell systems that can be used either independently as an external power source or integrated into many different portable devices, like notebooks or power tools. The Smart Fuel Cell range can supply power varying from a few watts up to several kilowatts. The technology in these systems allows 3-5 times longer run-time than conventional batteries. An additional benefit of the system is the easy-to-use and rapid recharge feature. The patented system has miniaturized design and use low-cost mass products.

The energy conversion process of the Smart Fuel Cell systems is based on a patented technique. A mixture of methanol and water is employed to store energy, supplied as an easy to change fuel cartridge. Smart Fuel also has know-how to manufacture power membrane electrode assemblies (MEA) for the direct methanol fuel cells in small series with the help of automated processes. *Contact: Smart Fuel Cell, Eugen Sanger-Straße, Gebäude 53, Brunthal-Nord 85649, Germany. Tel: +49 (89) 6074 5460; Fax: +49 (89) 6074 5469; E-mail: kontakt@smartfuelcell.de.*

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