



EFORE
ENERGY FOR ELECTRONICS

Partner Profile
Electromobility+
Information Event

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EFORE in brief

- Efore Plc is a Global Partner providing power products for
 - Telecom Infrastructure
 - Industrial Electronics
 - Electric Vehicles
- Efore concentrates on custom-designed power products that demand top-grade design. Efore cooperates closely with the customers in the design and manufacture of demanding electronic products.
- Public company founded in 1975, listed in Nasdaq OMX Helsinki
 - Corporate Headquarter in Espoo, Finland
 - Subsidiaries in China, Estonia, Sweden and the USA
 - Associated company Power Innovation GmbH in Germany
- Average number of personnel 950 (2010).
- Net sales 69,7 M€, R&D investment 7.4 M€, i.e. 10,6% (2010).



EFORE expertise and capabilities

- Strong focus on Research and Development
- Deep understanding of application-level power aspects
- Customized energy- and cost-efficient OEM products for power conversion and power distribution
 - AC-DC power supply units and battery chargers, single/multiple outputs
 - Input voltage 80...300Vac, output voltage 1.5...420Vdc, power 50W...3.5kW
 - DC-DC converters, single/multiple outputs
 - Input voltage 12...420Vdc, output voltage 1.5...420Vdc, power 50W...3.5kW
 - Power Distribution Units
 - Input voltage 39...60Vdc, input current 10...150A, 5...12 channels, power 2...6 kW
 - Power backup units
 - Fan units and controllers
- Efore DC power systems
 - Rectifiers, inverters, battery bank, control and communication, cabinets
 - Input voltage 100...400Vac, output voltage 24...220Vdc, power 5...120kW
- Manufacturing in own facilities

Electromobility+ topics of interest

- Efore offers expertise and capabilities in Electric Vehicles area:
 - Battery chargers
 - On-board DC-DC converters
- Efore is seeking cooperation and partnering with Parties interested in utilizing Efore's expertise, and offering complementary skills and application-level know-how:
 - Automotive industry
 - Battery system
 - Electric utilities
 - Standardization and regulatory agencies
- Key Dimensions of interest in Electromobility+
 - KD3: Strategic research on technical dimensions of the recharging systems
 - KD4: Testing trials and normative standards
 - KD5: Technology based innovation

Thank You for Your Attention

More information from vlad.grigore@efore.com