

Press Release



FEV Opens eDLP High-Voltage Battery Development Center

Sandersdorf-Brehna, September 2020 – Professor Stefan Pischinger, President and CEO of FEV Group, inaugurated the world’s largest development and test center for high-voltage batteries for passenger and commercial vehicles on September 25, in the presence of Minister President of the federal state of Saxony-Anhalt, Dr. Reiner Haseloff. The durability testing center (known by its German abbreviation eDLP) is yet another milestone for the Aachen-based global vehicle developer in its more than 40-year history.

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“We look forward to continually enhancing Saxony-Anhalt’s strong expertise in the up-and-coming field of e-mobility with the now completed eDLP and to intensifying the solid longstanding collaboration with FEV as an innovative company and attractive employer in the region,” said Minister President Dr. Reiner Haseloff.

“As a globally leading developer of technologies for electric vehicles, FEV is advancing innovation and forward-looking solutions. With the eDLP, we are providing our customers with proof of this claim once again. After all, in addition to optimal technological support, we can also save development time and costs for our partners,” said Prof. Stefan Pischinger, President and CEO, FEV Group. “We can offer every internationally established test method for batteries on currently 69 systems – all under one roof.”

The state-of-the-art eDLP complex measures 15,500 m². Inside, performance and electrical tests are conducted, as well as tests

on environmental and mechanical impacts and abuse tests for battery cells, modules, and packs, plus other components such as inverters and on-board chargers. A wide range of climate zones and ambient temperatures can be reproduced – from -40°C to 90°C.

Thanks to a 12,000 m² photovoltaic system, the energy required to test components is provided almost entirely by power generated from renewable resources.

With the completion of the eDLP, FEV is setting new standards for the development of e-mobility solutions.

eDLP Press Kit: https://fev.com/presskit_edlp



About FEV

FEV is a leading independent international service provider of vehicle and powertrain development for hardware and software. The range of competencies includes the development and testing of innovative solutions up to series production and all related consulting services. The range of services for vehicle development includes the design of body and chassis, including the fine tuning of overall vehicle attributes such as driving behavior and NVH. FEV also develops innovative lighting systems and solutions for autonomous driving and connectivity. The electrification activities of powertrains cover powerful battery systems, e-machines and inverters. Additionally, FEV develops highly efficient gasoline and diesel engines, transmissions, EDUs as well as fuel cell

systems and facilitates their integration into vehicles suitable for homologation. Alternative fuels are a further area of development.

The service portfolio is completed by tailor-made test benches and measurement technology, as well as software solutions that allow efficient transfer of the essential development steps of the above-mentioned developments, from the road to the test bench or simulation.

The FEV Group is growing continuously and currently employs 6700 highly qualified specialists in customer-oriented development centers at more than 40 locations on five continents.