



## About LIVA Power Management Systems GmbH

LIVA Power Management Systems GmbH ("LIVA") is a subsidiary of AMG Critical Materials NV and operates in the B2B market for industrial and large-scale energy storage systems (4 to 100+ MWh) for demand- and supply-side energy management to reduce energy costs and CO2 emissions. LIVA builds tailor-made hybrid energy storage systems (hybrid ESS) for the implementation of the industrial energy transition. We strive for a consistently sustainable energy supply to secure the prosperity of current and future generations. For this purpose, we are creating innovative energy systems as part of the new green energy world.

AMG Critical Materials N.V. is a global company for critical materials at the forefront of CO2 reduction trends. AMG manufactures advanced specialty materials and offers vacuum furnace systems as well as services for the transportation, infrastructure, energy, and specialty metals and chemicals end markets. AMG operates globally with production facilities in Germany, the United Kingdom, France, the United States, China, Mexico, Brazil, India, Sri Lanka and Mozambique, and has sales and service offices in Japan.

As soon as possible, we are looking for an

### Embedded Software Engineer (m/w/d)

Location: Freiburg im Breisgau

Type of job: full time (40h/week)

#### In your new job, you can expect these exciting tasks:

- software coding in C and modern C++ as well as testing, verifying and validating of the software
- implementation of various control algorithms for energy storage system and battery management systems
- software engineering with definition of software architectures and test concepts
- implementation of software quality measures to comply state of the art security standards

#### What we are looking for:

- Master or Diploma degree in computer science, software engineering or electrical engineering or a comparable course of study
- very good coding skills in embedded C and/or embedded C++
- good coding skills in Python or in a comparable language
- knowledge in the field of energy storage systems or power conversion systems is a bonus
- experiences in working with Linux is a bonus
- independence, a systematic and structured way of working as well as a sense of responsibility round off your profile

#### What we offer:

- a diversified workplace with a lot of creative freedom in a highly motivated team
- collaboration in a successful and growing group of companies
- flat hierarchies, fast decision-making processes and communication at eye level
- attractive salary package including additional company payments
- Possibilities of mobile (hybrid) working and flexible working hours
- beautiful working place in the heart of Freiburg
- supplementary company health insurance and job ticket

If this task appeals to you, please apply using the K-no. **LI 2024-15**, preferably by email to [Bewerbung-liva@liva-pms.com](mailto:Bewerbung-liva@liva-pms.com) with details of your salary expectations and your possible starting date. We look forward to getting to know you personally!

Information about the collection, processing and use of your personal data in the context of the application process and your rights under data protection law can be found [here](#).