



Urgently Hiring!

We're looking for

Low Voltage System Engineer (12V Sodium-Ion Batteries)

On-site • Hefei, China

Full Time / Contract

Pioneer the Next Chemistry Revolution in Automotive

Job Description

- Take end-to-end technical ownership of advanced 12V and 48V battery systems (focus on sodium-ion batteries) from concept phase to series launch
- Define and develop system architecture and gateway interfaces between LVEM SWC and sodium-ion batteries, balancing safety, performance, cost, and scalability
- Capture system-level requirements from internal stakeholders and OEM specifications, cascading precise requirements to BMS and thermal management subsystems
- Drive the integration of the low-voltage battery system with vehicle energy management and power distribution networks
- Formulate and execute comprehensive Design Verification Plans (DVPs) to validate performance, durability, and full regulatory compliance
- Support Hardware-in-the-Loop (HiL) setups, Lab Car builds, and vehicle-level integration and validation testing.
- Coordinate technical activities with external development partners and suppliers to guarantee on-time delivery of mature designs
- Lead root cause analysis for complex technical issues and troubleshoot electrical/electronic system behaviors using industry-standard diagnostic tools

Qualifications

1. Education: B.Sc. in Electrical, Automotive, Mechatronics, or Systems Engineering
2. Experience: 3+ years in automotive (OEM / Tier-1) working on 12V/48V systems, energy management, or power distribution
3. Tech Skills: Strong knowledge of CAN/LIN protocols and tools like CANoe, CANape, INCA, ODIS, or DiagRA
4. Languages: Fluent English (daily global communication) + Native Chinese
5. Bonus Points: Experience with German OEMs (VW/BMW/Mercedes/Audi) or battery cell development.

Apply now at

Email:
careers@cenergy.asia