

Senior power electronics engineers

Almere, Groningen and Eindhoven

Victron Energy was founded in 1975 by Reinout Vader. Victron designs and sells inverters, chargers and more related power conversion products. The company has 90 employees, which includes 25 R&D engineers. We are a technology focused and sales driven company, and to stay leading, we rely on a strong R&D team. Most products contain software, and lately more and more of our unique features are in software. Most of the programming done at Victron Energy is in embedded C and related to real-time, control-loops, communication protocols and or user interfaces. The company structure is flat: management is done by Reinout and Matthijs Vader, and everybody reports directly to one of both.

Function description

As an electrical hardware engineer, you conduct the hardware design process of the products from concept through to the final certification testing.

Key Personality characteristics

- Well balanced, self-motivated and driven professional with a strong presence.
- Able to work effectively in a multi-disciplinary team with both senior and junior members.
- Able to delegate and very result orientated.
- Clear and concise communicator – Dutch and English are a minimum.

Key technical characteristics

- At least 5 years' experience in electronics.
- BSc. or MSc. hardcore electronic engineer with a thorough basis in analogue and digital design.
- Experience in power electronics is required.
- Experience in EMC and compliance testing.
- Experience in PCB design and PCB lay-out.
- Experience with 3D mechanical design.
- Experience with thermal design of electronic circuits and electrical infrastructure.
- Experience in hardware testing and validation.
- Experience with panel building, mechanical and electrical design and integration.

Key responsibilities

- Play an active role in the system design and system integration process.
- Hardware design, implementation, testing and validation of (power) electronic systems. Responsible for the documentation of designs.
- Victron Energy has development centers in Almere, Groningen and Eindhoven and offers a competitive rewarding package in an exciting, fast growing company setting.