

# 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.