



Green Motion SA is a Swiss company that for the last ten years has been pioneering the design and production of charging systems for electric vehicles.

It manufactures charging stations, designs management software for charging networks, operates charging stations and is a service provider for electric mobility.

Green Motion SA operates its own network of charging stations under the “evpass” banner as the most extensive Swiss network and one of the leading European networks. For more information about Green Motion SA go to: www.GreenMotionEV.com

To complete our R&D team in Le-Mont-sur Lausanne, we are looking for a:

Power Electronics Engineer

In this role

In our R&D team, the role aims to design & develop innovative charging system product to our customer. You will be the technical expert regarding power electronics in our products.

More specifically, you will:

- Design of AC/DC and DC/DC converters, power inverters in the range of 10 kW to 500 kW from 400V up to 1'000V
- Develop and design static converters
- Define the choice of conversion topologies
- Establish design of technical solution
- Support from the technical point of view the realization of prototypes and product development
- Define the sizing of magnetics components
- Establish and implement modulation strategies and adjustment
- Support the industrialisation process for the whole range of product

About your profile

- University degree in the field of electronic engineering with focus on Power Electronics
- Min. 5 years of experience in electrical engineering and in product development
- High interest and focus on practical experimentation, from design, test, validation up to product certification
- Excellent knowledge of simulation tools software such as Matlab, Simulink, Plecs, Simplorer or others
- Good knowledge of materials and / or thermal materials
- Excellent team spirit and organizational skills
- Solution-oriented with an ability to work in a demanding environment and take initiative

Do you recognize yourself in this profile? Are you up for a new challenge?
We look forward to receiving your application at jobs@greenmotion.ch