



To apply for this job, please submit your resume to jobs@rtl-corp.com

Job Title: Electronics Power Engineer

Location : 97 Highbury Road, Burwood 3125, VIC, Australia

Rectifier Technologies is a global, high-tech company specialising in innovative design and manufacturing of medium and high power conversion modules and systems which service the industrial controls, public utility, mining, telecommunications, and Electric Vehicle (EV) charging markets. We are seeking an experienced Power Electronics Engineer for our Research and Development department to be involved in the design and development of switch-mode rectifiers (AC/DC), controllers, and the associated system peripherals.

The following essential requirements should be highlighted in a cover letter:

- Power Electronics with hands-on experience working on equipment above 2kW.
- Circuit design and simulations to include power train, control loops, and interface circuits via analogue and digital components
- Schematic Capture in ALTIUM
- PCB design in ALTIUM for Power Electronics designs
- Mechanical design in AUTOCAD/SOLIDWORKS
- Construction of switch-mode power supply and controller prototypes
- Construction of test rigs and system racks
- Prototype operation, testing and basic troubleshooting
- Product testing and qualification (including EMC/RFI and UL)
- Documentation of BOM, test procedures and work instructions

Other requirements:

- Level of experience required 5 to 10 years. This is a mid-level role.
- Bachelor of Science Electrical Engineering (4 year) or higher / equivalent experience
- Must be a self-starter, be a team player but require minimal supervision
- Must have a visa to work in Australia prior to application.

Please include answers to the following questions:

- What's your expected annual base salary?
- How much notice are you required to give your current employer?