

JOB DESCRIPTION	
Position Title	Senior Engineer
Reports To	Deputy General Manager - R&D
Department	R&D
Qualification	DIPLOMA/BTECH in Electronics Engineering, or a related field.
Work Experience	3 - 4 Years
Primary Duties	Develop and design power electronic circuits and systems for inverters and UPS.
	Create detailed schematics and PCB layouts using industry-standard CAD software.
	Perform simulations and analysis to optimize circuit performance and reliability.
	Build and test prototypes to validate design concepts.
	Conduct rigorous testing and debugging to ensure product functionality and performance.
	Implement design modifications based on test results and feedback.
	Collaborate with firmware and software engineers to integrate control algorithm
	Ensure seamless integration of hardware and software components.
	Prepare and maintain documentation for regulatory submissions and product certifications
	Ensure designs comply with relevant industry standards and regulations.
Secondary Duties	Manage project timelines and deliverables to ensure on-time product launches.
	Coordinate with suppliers and manufacturers to source components and oversee production.
	Propose and implement improvements to existing products and processes.
	Stay updated with the latest advancements in power electronics technology.
Skills Required	Proven experience (3+ years) in designing and developing power electronics products, particularly inverters and UPS.
	Proficiency in CAD software for schematic capture and PCB design (e.g., Altium, OrCAD).
	Knowledge of embedded systems and firmware development is a plus.
	Familiarity with industry standards and regulatory requirements (e.g., IEC, UL).
	Strong communication and teamwork skills
	Excellent problem-solving skills and attention to detail.
	Strong understanding of power electronic components and their applications.
	Experience with simulation tools (e.g., SPICE, MATLAB/Simulink) for circuit analysis.
Location	Thrissur/Kochi
Email ID	jobs@hykonindia.com
Contact	85930 75050

Hykon India Limited

Hykon House, Ikkandawarrier Road, Thrissur-680001, Kerala, India. ☎ 0487-2444163/183 🌐 ho@hykonindia.com



9020121121

www.hykonindia.com

CIN : U52599KL1998PLC012330

UPS | Servo Stabilizer | Solar Inverter | Solar Water Heater | Solar Street Light | Tubular Battery | Lithium Ion Battery | Stainless Steel Water Tank | E-Auto
Br-Trivandrum | Kottayam | Ernakulam | Thrissur | Calicut | Kannur | Coimbatore | Chennai | Mysore | Mangalore | Bangalore | Hyderabad | Pune | Mumbai