

SILENT POWER, INC

Job Description Form



Division/Department	Engineering		
Location	Baxter, Minnesota 56425		
Job Title	Electrical Engineer		
Reports to	Dan Pehrson	<i>Title</i>	Director of Engineering

Level/Grade	Type of position:	Hours_____ / week
	<input checked="" type="checkbox"/> Full-time	<input checked="" type="checkbox"/> Exempt
	<input type="checkbox"/> Part-time	<input type="checkbox"/> Nonexempt
	<input type="checkbox"/> Contractor	

GENERAL DESCRIPTION

- 5+ years experience as an electrical engineer working in product development, power distribution, or PV inverter systems
- New Product Development designing state of the art power inverters and battery chargers
- Develop field installation and equipment checkout procedures
- Develop trouble shooting guidelines for field manuals
- Specify components, cables, connectors, circuit breakers, fuses, terminal hardware, transformers
- Develop/write hardware specifications for new products
- Fundamental knowledge of AC power theory, reactive power
- Continuation engineering on existing products
- Support R & D on new products
- Fast paced, small company environment, working on inverters and storage applications

WORK EXPERIENCE REQUIREMENTS

- Experience designing switching power supplies
- Willingness to commit to aggressive but achievable deliverables
- Willingness and ability to work long hours to deliver on commitments
- Persistently positive attitude; move immediately from problem recognition to focus on solutions
- Experience with power electronics (HV, chargers, inverters, etc.)
- Experience with UL and CSA standards
- Experience working with CAN interface a plus
- Some understanding of and a commitment to renewable energy
- Outstanding analytical and troubleshooting skills.
- Expertise in using debugging tools to analyze electronic circuitry

EDUCATION REQUIREMENTS

- BSEE
- 5+ Years experience

REVIEWED BY	<i>Title</i>
APPROVED BY	<i>Title</i>
DATE POSTED	
DATE HIRED	