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# Example of Solar Engineer Job Description

Our company is growing rapidly and is looking for a solar engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for solar engineer

* Work intimately with solder and weld processes for conductor interconnection
* Write, revise, and maintain manufacturing documentation
* Prepare specifications for low and high-volume manufacturing automation equipment
* Evaluate candidate processes using tools like PFMEA and Six Sigma
* Conduct root cause investigations in the case of process issues
* Characterize photovoltaic devices (LIV, DIV, EL, IR) and interpret results
* Support the training of manufacturing technicians
* Design and manufacture test fixtures
* Specify and source custom test equipment
* Coordinate ongoing hardware testing

## Qualifications for solar engineer

* Minimum industry 3 years’ experience in DC power optimizer designs and 5 years industry experience in solar inverter designswith a proven ability in designing high performance and cost effective optimizer products for medium to high volume manufacturing
* 5+ years of experience in solar system and product engineering, permitting, commissioning and O&M, past solar inverter experience in sales involving clients is an advantage
* Requires a Bachelor´s degree in Electrical Engineering, Information Technologies, Mechanical Engineering, Automatic Control Engineering
* Prefer Bilingual - Chinese / Mandarin
* Working in dynamic and fast-pace environment
* University degree in Electrical / Electronics Engineering