

# DESIGN A SOLAR WATER PUMP UNIT

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## ABSTRACT

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The title of my final semester project is design solar water pump unit. The main purpose of this project is to provide the student with a clear and through presentation of the working and application of solar panel system and water pump. This project included mechanical and electrical. The concept is come from the solar powering pump when it used in remote area for example Africa.

This report contains the design for solar water pump. Actually Solar energy is supposed using in a remote area. In my project, I choose water pump as my case study and combine with solar panel become one system. This report is trying to tell person who use it in a remote area. In remote area is hard to get electricity. Object I am doing this project is to prove that solar energy application can be used in water pump are all in theory.

For this project, you can consider may other factor before we can really use solar energy application on water pump. This report contents the information about research, result and analysis, conclusion and discussion, list of references, etc.