

# Stirling Engine Generator

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## ABSTRACT

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This project report provides how to build Stirling Engine that can provide electrical energy, by combining the Stirling engine with dynamo we can generate electric. The purpose of the project is to generate enough power in r.p.m to generate electric to light up electrical appliances such as electrical bulb. In this project also, we able to understanding of the concept of external combustion engine and how the simple temperature phenomena can lead into power generation potential. The project also enabling us to understand how Carnot cycle works in term of thermodynamic that's is applied in Stirling engine generator project.

The following report present the design of the Stirling Engine Generator, requirement that were needed, the budget that is needed to build a simple Stirling engine, and a conclusion of the project.