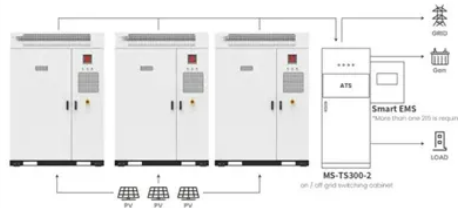




**EXIT-LYON Energy**

## Inverter changed to 220



Application scenarios of energy storage battery products

### Overview

In this project, we will make an 300W, 50/60 Hz Inverter using IC SG3525 with PWM Inverter Circuit. The circuit will take a 12V DC power supply from a 12V battery and converts it into 220V, 300W PWM output. An inverter is an electronic device that converts direct current (DC) electricity. We need the following components to make an SG3525 Inverter Circuit. You can purchase all these components online from the links given. The SG3525 is a control integrated circuit that is used in switched-mode power supplies, DC-DC converters, AC-DC power supplies, and motor drives. The purpose of a PWM. If you don't want to assemble the circuit on a zero PCB or a breadboard and you want PCB for the project, then here is the PCB for you. I used EasyEDA to draw the schematic first. Then I converted the schematic to PCB. The PCB Board for this project looks. Let us take a look at the SG3525 PWM Inverter Circuit diagram and discuss its designing principle. SG3525 can control the output voltage of the inverter. It is also useful in driving.



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