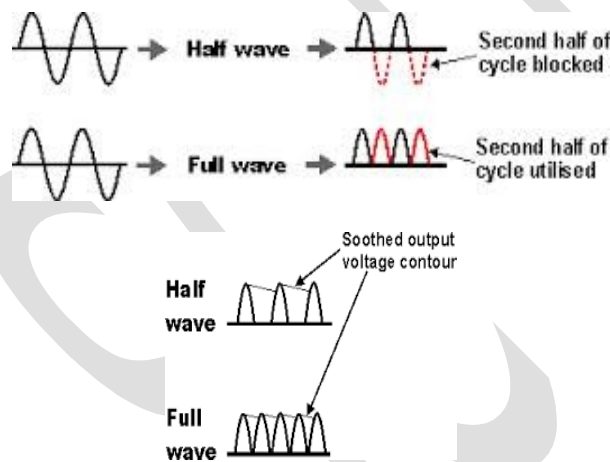


# Rectifier Circuit:

- All the devices like sensors, motors, micro controller etc... used by us in making a bot work on DC. But the current supplied in house hold is AC. So we need to build a device/circuit which can convert AC to DC.
- The most commonly used AC to DC converter is FULL WAVE RECTIFIER CIRCUIT.
- To make a Full Wave Rectifier Circuit we need some elements like transformer, diodes, capacitors etc.

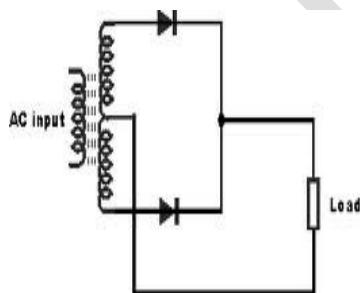
Why Full Wave Rectifier Circuit is better than Half Wave Rectifier?

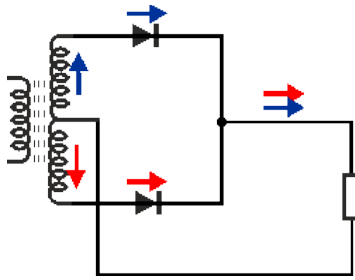


Disadvantages of Full Wave Rectifier:

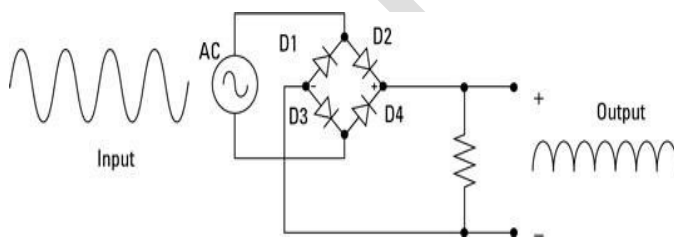
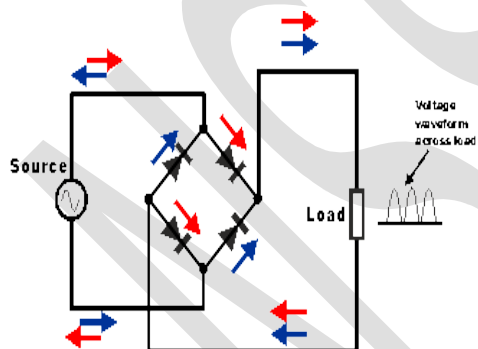
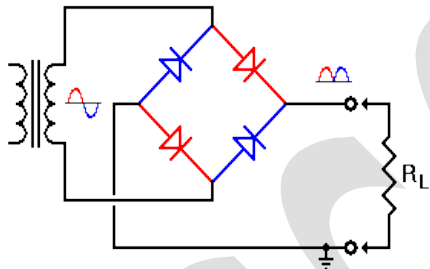
- It is more complicated than half wave rectifier.
- The twice frequency hump on an audio circuit may be more audible.

Two diode full wave rectifier circuit:





Bridge Rectifier Circuit:



**Contact :**

MOHIT AGRAWAL +91-9933992777

AYUSH KANWAR +91-8768702045

MSD