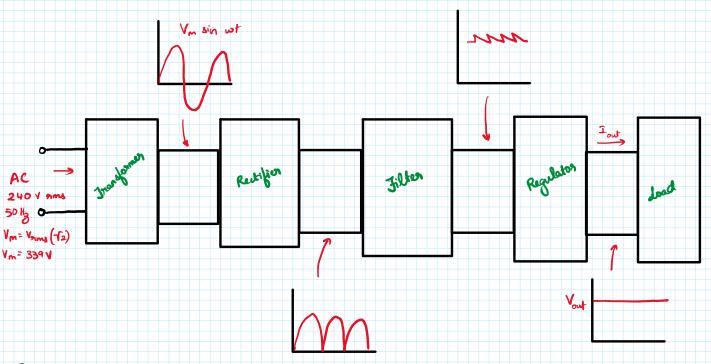
1. Regulated Power Supply, Rectifier

11 October 2023 10:57

REGULATED POWER SUPPLY



Irons former

- · Jakes an input of 240 V sims and 50 kg
- · It is either stepped up on stepped down to give it as input to the rectifien

Rechipier

· Converts AC into pulsating DC by allowing current to flow through the diode in series with a resistor in one direction only.

Tilter

- · Capaciton is connected in parallel on schunt which removes the AC repulse from DC signal obtained from nechifier.
- · Results in shank tooth woveform

Zener regulator

· Converts DC voltage into a lower constant voltage

RECTIFIER

HALF WAVE RETIFIER (ideal diode)

