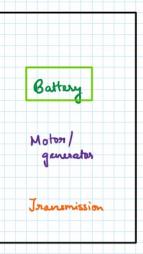
ELECTRIC & HYBRID VEHICLES



MAJOR COMPONENTS

Moton

· Converts energy from hower pack to mechanical energy

Power had (battery)

Charger

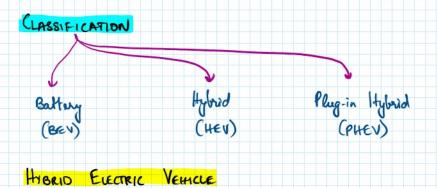
Controller

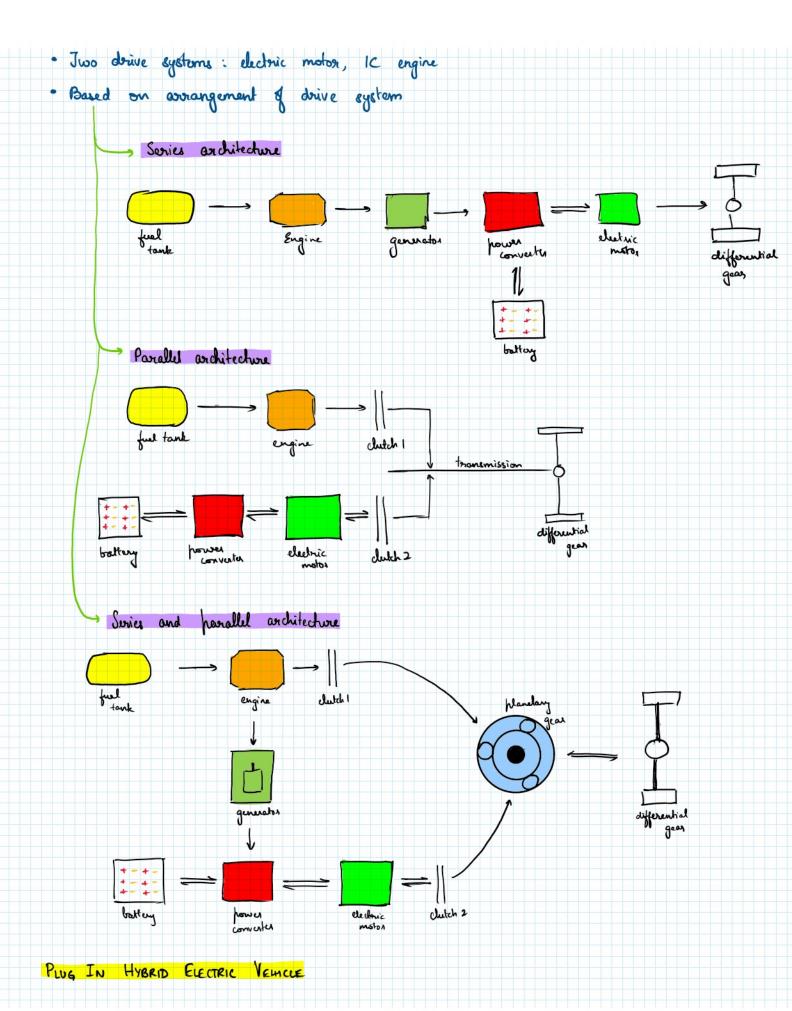
Regulates flow of energy from hower back to motor in relation with pressure on accelerator

DC/DC conventer

Changes the level of voltage

Energy Management System





Battery can be plugged in to the hower grid to recharge the bottery

ADVANTAGES OF EVE

- · Maintenance cost is less
- · Reduced emissions
- Reduced noise
- · Safer to drive

DISADVANTAGES OF EVS

- · Priced higher
- · Not enough charging systems
- · Recharging takes longer than refueling
- · Shorter travelling distance