

Automobile & Electric Vehicles - Task 2

This report explains EV powertrain architecture, motor types, inverter operation, Battery Management System (BMS), and basic range calculation. Sections Included: • EV Powertrain Architecture • Electric Motor Types (PMSM, Induction, BLDC) • Inverter and Motor Controller • Battery Management System (BMS) • Range Calculation Example

EV Powertrain Block Diagram

