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About the course Electric Motors

An electric motor is an electrical machine that converts electrical energy into mechanical energy. Most electric motors operate through the interaction between the motor's magnetic field and electric current in a wire winding to generate force in the form of torque applied on the motor's shaft. Electric motors can be powered by direct current (DC) sources, such as from batteries, or rectifiers, or by alternating current (AC) sources, such as a power grid, inverters or electrical generators. An electric generator is mechanically identical to an electric motor, but operates with a reversed flow of power, converting mechanical energy into electrical energy.

Engineering Category's Courses

Course Lesson(6)

Lesson 1 : **How Electric Motors Work 3 phase AC induction motors ac motor**

Lesson 2 : **How does an Electric Motor work DC Motor explained**

Lesson 3 : **How Alternators Work Automotive Electricity Generator**

Lesson 4 : **How Stepper Motors Work Electric motor**

Lesson 5 : **Electrical Motor Connections**

Lesson 6 : **Electric Motor Build Make a simple electric motor**

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