Transformer | **Step-up transformer** | **Step-down transformer** | **Mutual inductance**

a device that can decrease or increase the voltages in AC circuits with relatively little energy loss

a type of transformer in which the voltage coming out of the transformer is greater than the voltage put into the transformer

a type of transformer in which the voltage coming out of the transformer is less than the voltage put into the transformer

effect in which a changing current in a coil creates a changing magnetic field that induces a varying *EMF* in a second coil

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