

Generator and Motor

More Details

A generator is constructed like an electric motor. In an electric motor, electrical energy (current) is converted into kinetic energy (rotational movement) by placing a coil through which current flows in a permanent magnetic field, by which it is repelled or attracted. In the case of the generator, it works exactly the other way round: a coil is rotated in a magnetic field, which produces electricity. Kinetic energy thus becomes electrical energy.