

Motors vs Generators.

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- The same apparatus, but used in different ways.

Motor

Generator

- Converts electrical energy into mechanical energy. (ex. Fan)
- Uses electricity
- Relies on the fact that current through a wire creates a magnetic force

- Converts mechanical energy to electrical energy (ex. Windmill)
- Makes electricity.
- Relies on the fact that a magnet going past a wire can create a current
- * AC = Alternating current (from a dam)
- * DC = Direct current (from a battery)