

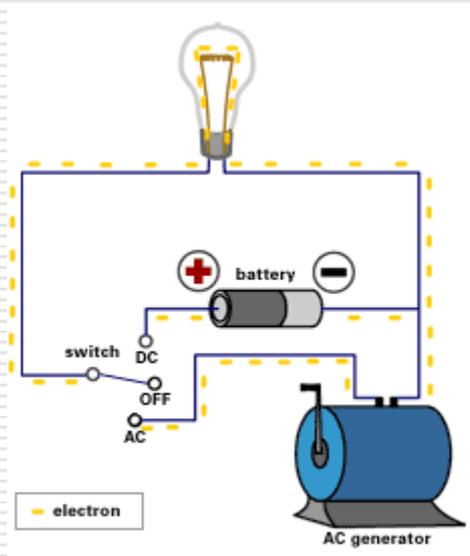


AC/DC Current

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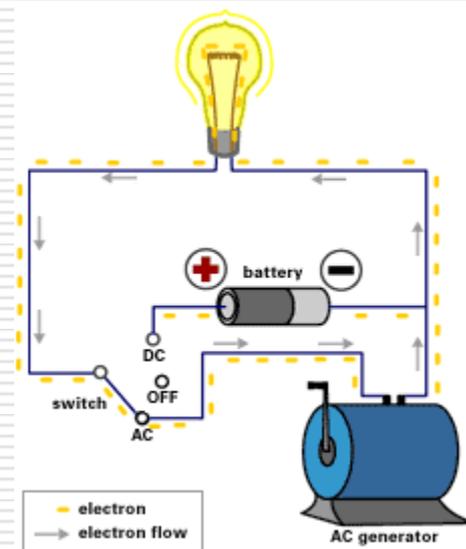
Types of current flow

- ❑ AC: Alternating current
- ❑ DC: Direct current



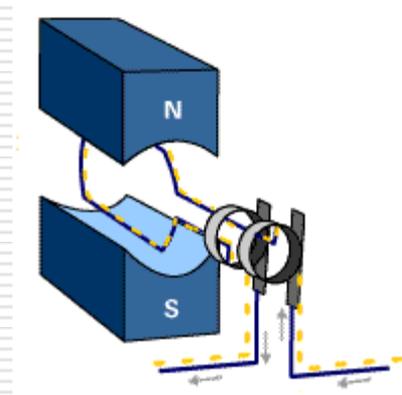
Alternating Current

- Electrical current that changes direction between positive and negative.
- In the USA our AC current changes direction 60 times a second (60Hz.)
- Used in our electrical outlets.
- The benefit of AC is that it can travel longer distances without a loss of power.
- Produced by alternators



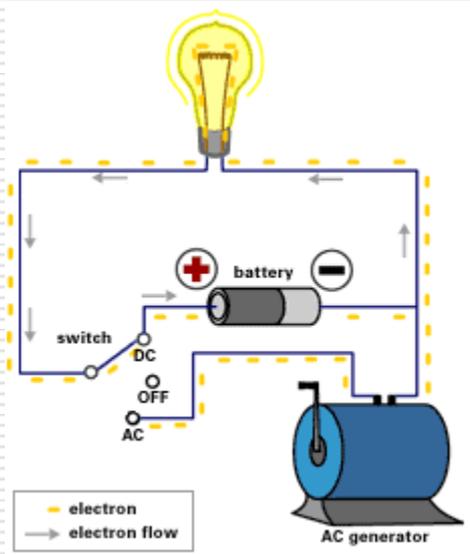
AC generator

- The current changes direction because the armature coil never changes polarity as in a DC motor.
- The coil of wire spins inside the magnetic fields entering (+) and exiting (-).





Direct Current



- ❑ In direct current the electrons travel the complete circuit from one end of the potential difference to the other.
 - ❑ Produced by batteries and rectified alternating current generators.
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