

Name _____

What is the Difference between AC (Alternating Current) and DC (Direct Current)?

Short Answer

1. How does alternating current (AC) change direction, and why is this characteristic important?
2. Describe a situation where direct current (DC) is preferred over alternating current (AC) for powering a device.
3. Who played a pivotal role in the development of direct current (DC), and what limitations did DC have?
4. Explain why alternating current (AC) is more suitable for transmitting electricity over long distances.
5. What safety precautions should be taken when working with AC or DC electricity?

