

# THERMOELECTRIC

*Meaning: Thermoelectric refers to materials or devices that can directly convert temperature differences into electrical energy.*

1. Thermoelectric materials can convert temperature differences directly into electrical energy.
2. The efficiency of thermoelectric generators is crucial for powering remote sensors in harsh environments.
3. Researchers are exploring new alloys to enhance the performance of thermoelectric devices.
4. Thermoelectric cooling is often used in portable refrigerators to maintain low temperatures.
5. The development of flexible thermoelectric films could revolutionize wearable technology.

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