

Answer on Question #55419-Physics-Electric Circuits

The first stage involved in the process of rectification is the _____

Transformer stage

Rectifying stage

Filtering Stage

Voltage Dividing Stage

Answer

Rectifying stage.

The first step in the process is to rectify the high voltage AC sinusoid such that the remainder of the circuit is only ever exposed to positive voltage. This is achieved by passing the sinusoid through either a full bridge rectifier composed of four diodes, or a single diode that blocks the negative part of the sinusoidal voltage.

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