

Answer on Question #55420-Physics-Electric Circuits

The conversion _____ of rectification is given by the ratio of the output DC power to the total amount of input power supplied to the circuit

Output

Reliability

Efficiency

Capacity

Answer

Efficiency.

The efficiency of rectification is given by the ratio of the output DC power to the total amount of input power supplied to the circuit. It is also called conversion efficiency.

$$\eta = \frac{P_{DC}}{P_{in}} = \frac{\text{power in the load}}{\text{input power}}.$$