



# Convert mw to watts

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To convert a measurement in megawatts to a measurement in watts, multiply the power by the following conversion ratio: 1,000,000 watts/megawatt.

Megawatts and watts are both units used to measure power. Keep reading to learn more about each unit of measure.

One megawatt is the power equal to 1,000,000 watts, or the energy consumption at a rate of 1,000,000 joules per second.

The megawatt is a multiple of the watt, which is the SI derived unit for power. In the metric system, "mega" is the prefix for millions, or  $10^6$ . Megawatts can be abbreviated as MW; for example, 1 megawatt can be written as 1 MW.

One watt is the power equal to the rate of energy of one joule per second in an electrical circuit.[1] One watt is also equal to the power produced in a circuit with a voltage potential of one volt with a current of one amp.

The watt is the SI derived unit for power in the metric system. Watts can be abbreviated as W; for example, 1 watt can be written as 1 W.

Watt's Law states the relationship between power, current, and voltage. Using Watt's Law, it's possible to express the power in watts as an expression using current and voltage.

Online calculator to convert megawatts to watts (MW to W) with formulas, examples, and tables. Our conversions provide a quick and easy way to convert between Power or Electricity units.

How to convert megawatts to watts: Enter a value in the megawatts field and click on the "Calculate watts" button. Your answer will appear in the watts field.

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