

This electricity cost calculator works out how much electricity a particular electrical appliance will use and how much it will cost. This calculator is a great way of cutting back on your energy use and saving on your electricity bills.

90 kWh

What is a kilowatt hour (kWh)?A kilowatt-hour (kWh) is a way of measuring the amount of energy you"re using.One kilowatt-hour is equal to how much energy that would be used by keeping a 1000 W appliance running for 60 minutes, so for example, if you left a 50 W appliance running, in 20 hours it would use 1 kWh of energy.

Energy use in kilowatt-hours is determined by multiplying the number of hours appliance operates by its rated power in kilowatts. We then multiply the electricity cost per kilowatt hour to calculate what it costs to keep the appliance running.

Thus, we use the following formula:Wattage in Watts / 1,000 x Hours Used x Electricity Price per kWh = Cost of ElectricitySo, for example, if we have a 40 W lightbulb left on for 12 hours a day and electricity costs .15 per kilowatt-hour, the calculation is:40 watts / 1,000 x 12 hours x .15/kWh = .072

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Kilowatts, or kW, are a measure of electrical power. Kilowatt-hours, abbreviated as kWh or kW·h, are a measure of energy used. One kilowatt-hour is equal to one kilowatt of power consumed over a one-hour time period.

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