

Electricity Cost Calculator

Review energy use and cost from load watts, daily runtime, days, and rate per kWh. This does not model utility tariffs or demand charges.

Generated October 10, 2026

<https://www.elecatrrix.com/power-energy-cost/electricity-cost-calculator/>

Inputs

Input	Value	Unit
Load power	1500	W
Hours per day	3	h/day
Days	30	days
Electricity rate	0.16	\$/kWh

Results

Result	Value	Unit
Daily energy	4.5	kWh/day
Total energy	135	kWh
Cost estimate	21.6	\$
Average daily cost	0.72	\$/day
Rate used	0.16	\$/kWh

Calculation details

Detail	Value	Unit
Calculation basis	Energy is watts divided by 1000, multiplied by hours per day and days. Cost is energy multiplied by the entered rate.	
Billing boundary	Estimate only; no demand charge, time-of-use period, taxes, riders, minimum bill, utility tariff, net metering, or final bill calculation is made by this calculator.	

Formulas

daily energy kWh = watts / 1000 x hours per day

total energy kWh = daily energy kWh x days

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$\text{cost} = \text{total energy kWh} \times \text{rate per kWh}$

Warnings and limitations

This is a simple energy-cost estimate. Utility bills can include demand charges, time-of-use periods, taxes, riders, minimum bills, fixed charges, and other tariff rules not modeled here.