

# Power Consumption Table



The figures in this table are approximate. The actual power consumption of your household appliances may vary significantly from the figures in this chart. Before you do a final [load](#) calculation for your household, we strongly recommend checking the tags and owners manuals for your appliances to get precise figures.

Each figure given for [Watts](#) used. This is converted to watt-hours by multiplying watts used by hours used. Many items, such as garage door openers, are used much less than 1 hour per day. Our PDF load calculation form will automatically calculate any appliance's Watt-hour consumption according the fraction of hours used per day, down to 0.1 hours. (0.1 hr = 1/10 of an hour = 6

minutes)

Items marked (n/a) would normally be replaced by non-electric equivalents in homes using alternative energy systems.

Appliance – Watts	Appliance – Watts	Appliance – Watts
Coffee pot – 200	Garage door opener – 350	Compact Fluorescent (CF)
Coffee maker – 800	Ceiling fan – 10-50	vs. Incandescent Wattage*
Toaster – 800-1500	Table fan – 10-25	40 watt incan. – 11 watt CF
Popcorn popper – 250	Electric blanket – 200	60 watt incan. – 16 watt CF
Blender – 300	Blow dryer – 1000	75 watt incan. – 20 watt CF
Microwave – 600-1500	Shaver – 15	100 watt incan. – 30 watt CF
Waffle iron – 1200	Water Pik – 100	Hedge trimmer – 450
Hot plate – 1200	Computer...	Weed eater – 500
Frying pan – 1200	<i>laptop</i> – 20-50	1/4" drill – 250
Dishwasher – 1200-1500	<i>desktop</i> – 80-150	1/2" drill – 750
Gbg. disposal – 450	<i>printer</i> – 100	1" drill – 1000
Washing machine...	Typewriter – 80-200	9" disc sander – 1200
<i>automatic</i> – 500	TV (25" color) – 150	3" belt sander – 1000
<i>manual</i> – 300	TV (19" color) – 70	12" chain saw – 1100
Vacuum...	TV (12" B&W) – 20	14" band saw – 1100
<i>upright</i> – 200-700	VCR – 40	7 1/4" circ. saw – 900
<i>handheld</i> – 100	CD player – 35	8 1/4" circ. saw – 1400
Sewing Machine – 100	Portable stereo – 10-30	Refrig./Freezer – Conventional...
Iron – 1000	Clock radio – 1	<i>20 cubic feet</i> – 540
Clothes dryer...	Car stereo – 8	<i>16 cubic feet</i> – 475
<i>electric (n/a)</i> – 4000	Sattelite dish – 30	Sun Frost Refrig./Freezer ( <a href="#">DC*</a> )...
<i>gas heated</i> – 300-400	CB radio – 5	<i>16 cubic feet</i> – 112

Heater (n/a)...	Electric clock – 3	12 cubic feet – 70
engine block – 150-1000	Radio telephone...	Vestfrost Refrig./Freezer...
portable – 1500	receive – 5	10.5 cubic feet – 60
waterbed – 400	transmit – 40-150	Freezer – Conventional...
stock tank – 100	Lights...	14 cubic feet FF – 440
Furnace blower – 300-1000	100w incan. – 100	14 cubic feet – 350
Air Conditioner (n/a)...	25w CF – 28	Sun Frost Freezer (DC)...
room – 1000	50w DC incan. – 50	19 cubic feet – 112
central – 2000-5000	40w DC halogen – 40	Vestfrost Freezer...
Electric mower (n/a) – 1500	20w CF – 22	7.5 cubic feet – 50

Appliance	Minimum	Maximum
100W light bulb	100W	100W
25" colour TV	150W	150W
3" belt sander	1000W	1000W
60W light bulb	60W	60W
9" disc sander	1200W	1200W
Ceiling Fan	10W	50W
Clock radio	1W	2W
Clothes dryer	4000W	4000W
Desktop Computer	50W	150W
Dishwasher	1200W	1500W
Electric Blanket	200W	200W
Electric Kettle	2000W	2000W
Electric Mower	1500W	1500W
Electric Shaver	15W	20W
Fridge / Freezer	500W	500W
Hair Blow dryer	1000W	1000W
Home Air Conditioner	1000W	1000W
Iron	1000W	1000W
Laptop Computer	20W	50W
Lawnmower	1000W	1400W
Microwave	600W	1500W
Oven	2150W	2150W
Power Shower	240W	240W
Strimmer	300W	500W
Submersible Water Pump	400W	400W
Table Fan	10W	25W
Toaster	800W	1500W
TV (19" colour)	70W	100W
Vacuum Cleaner	200W	700W
Washing Machine	500W	500W
Water Feature	35W	35W