

Electrical Device Power Consumption in Watts

The following is a list of standard electrical devices, along with their average wattage consumption. You can use this data sheet to estimate the wattage needed for a generator. Remember that these figures are averages, and your appliances may differ. You can obtain more accurate information by looking at the nameplate rating of the item, or contacting the manufacturer.

Home Appliance

A/C - room 1000 (varies)
A/C - central 2500-3500
computer AND monitor 720
clock 4
clothes dryer 4350
coffee maker 850
dehumidifier 300
dishwasher 1190
electric blanket 200
electric frying pan 1200
freezer - standard (12' - 15') 350
freezer - frost free (12' - 15') 440
food mixer/blender 110
furnace - oil 500-1000
furnace - electric varies
garbage disposal 400
heater - base board (per 8 ft.) 2000
heater - portable 1500
hair dryer 1250
humidifier 150-300
iron 100
lighting (varies widely) 1600-4000
microwave 1450

radio 20
radio - stereo 40
range 12000
refrigerator - standard 265
refrigerator - frost-free 475 to 600
sewing machine 75
television - b/w 50-100
television - color 250
toaster 1100
vacuum cleaner 700
washing machine 600
water heater 4500
waterbed heater 300
water pump 750-1000
Farm Equipment
engine heater 1000-2000
fence 9.69
motor 1000 watts per hp
water pump - shallow well 1 watt per 1 gallon, avg. 8 gallons/min.
water pump - deep well 1.5 watt per 1 gallon, avg. 8
water stock tank heater 250-1500

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