

Wattage Usage For Generators

The formula for determining load in watts is:

$$\text{Watts} = \text{Amps} \times \text{Volts}$$

or

$$P_{(\text{watts})} = I_{(\text{current})} \times E_{(\text{voltage})}$$

Note: 1 kW = 1000 watts

Application / Equipment	Watts
Space Heater	1200
Weed Trimmer	850
Clothes Dryer (Gas)	720
Light Bulb (100w)	100
Small Radio AM/FM	50
Radio, CB	50
Fan	200
Television	350
Microwave Oven	1200
Air Conditioner (12,000 BTU)	3250
Furnace Fan (1/3 hp blower motor)	600
Vacuum cleaner	600
Sump pump (1/3 hp)	700
Refrigerator/freezer	800
Deep Freezer	500
Circular saw 6"	800
Floodlight	1000
Drill 1/2" Electric	1000
Toaster	1200
Coffee maker	1200
Skillet	1200
Chain saw 14" Electric	1200
Water well pump (1/2 hp)	1000
Hot plate/range (per burner)	1500
Table saw 10"	2000
Elect. Water Heater	3000
12V DC Battery Charger	120