

# How Much is Enough?

To choose the right generator, you need to accurately estimate your power requirements. Here's a sample of wattages required by typical household appliances and tools. Start-up figures are momentary, they occur for a few seconds when a motor is switched on. (To find power ratings for your tools and appliances, check their manuals or read the information stamped on the device.)

Appliance	Start-up Watts	Operating Watts
Furnace fan	1,400	700
Well pump (1/2 horsepower)	1,500	750
Refrigerator	1,500	800
40-gallon water heater	n/a	3,000
Freezer	2,000	800
VCR	n/a	50
Radio	n/a	100
TV/computer	n/a	350
Microwave	n/a	750
Sump pump	1,400	750
Washing machine	1,500	750
Coffee maker	n/a	850
2-slice toaster	n/a	1,100
Plug-in heater	n/a	1,500
7 1/4-inch circular saw	1,500	750

Guardian has an online calculator to estimate the size of generator that's best for you. Visit [www.guardiangenerators.com](http://www.guardiangenerators.com) and click "Which One Do I Need?"