



Generator

WATTAGE WORKSHEET

- Using the item chart provided, select the items you wish to power at the same time. Then insert the corresponding numbers into the Running (Rated) Watts and Surge (Starting) Watts columns below.
- Add up the Running (Rated) Watts of the items you wish to power and enter this number in the Total Running (Rated) Watts space (A).
- Select the one individual item with the highest number of additional Surge (Starting) Watts. Take this one number, and add it to your Total Running (Rated) Watts, then enter it in the Total Surge (Starting) Watts space.

| EXAMPLE Tool or Appliance | Running (Rated) Watts | Surge (Starting) Watts |
|------------------------------|-----------------------------|------------------------------|
| 1. Refrigerator/Freezer | 700 | 2200 |
| 2. 1/2 HP Furnace Fan | 800 | 2350 |
| 3. Television | 500 | 0 |
| 4. Lights (8 x 75 watts) | 575 | 0 |
| 5. Microwave | 625 | 0 |

Highest
Additional
Surge
Watts

(A) Total Running (Rated) Watts = 3200 **2350**
 Total Running (Rated) Watts = + 3200
 Total Surge (Starting) Watts = = **5550**

| YOUR POWER NEEDS Tool or Appliance | Running (Rated) Watts | Surge (Starting) Watts |
|---------------------------------------|-----------------------------|------------------------------|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |

Total Running (Rated) Watts = _____
 Total Running (Rated) Watts = + _____
 Total Surge (Starting) Watts = = _____

With this example you need a generator that produces at least 3200 total running watts and 5550 total starting watts.

| Tool or Appliance | Running (Rated) Watts | Surge (Starting) Watts | Tool or Appliance | Running (Rated) Watts | Surge (Starting) Watts |
|-----------------------------------|-----------------------------|------------------------------|--------------------------------|-----------------------------|------------------------------|
| HEATING/COOLING | | | | | |
| Space Heater | 1800 | 0 | Floor Fan - 20" | 100 | 0 |
| Furnace Fan Blower - 1/2 HP | 800 | 2350 | Window AC - 10,000 BTU | 1200 | 1800 |
| LAUNDRY ROOM | | | | | |
| Iron | 1200 | 0 | Electric Clothes Dryer | 5400 | 1350 |
| Washing Machine | 1150 | 2250 | Gas Clothes Dryer | 700 | 1800 |
| KITCHEN | | | | | |
| Microwave Oven - 1000 Watts | 1000 | 0 | Electric Stove - 8" Element | 2100 | 0 |
| Coffee Maker | 1000 | 0 | Toaster Oven | 1200 | 0 |
| FAMILY ROOM | | | | | |
| VCR/DVD Player | 100 | 0 | Color Television - 27" | 500 | 0 |
| Stereo Receiver | 450 | 0 | Video Game Console | 40 | 0 |
| TOOL/WORK ROOM | | | | | |
| Quartz Halogen Work Light - 1,000 | 1000 | 0 | Miter Saw - 10" | 1800 | 1800 |
| Paint Sprayer - 1/3 HP | 600 | 1200 | Planer/Joiner - 6" | 1800 | 1800 |
| Reciprocating Saw | 960 | 0 | Table Saw/Radial Arm Saw - 10" | 2000 | 2000 |
| Electric Drill - 3/8", 4 Amps | 440 | 600 | Belt Sander | 1200 | 2400 |
| Electric Drill - 1/2", 5.4 Amps | 600 | 900 | Air Compressor - 1/4 HP | 975 | 1600 |

FREQUENTLY ASKED QUESTIONS

How many watts does it take to run essential items in an average size house? In an average size house, essential items will average 5000-7500 total watts of power to run.

What is the difference between Running (Rated) Watts and Surge (Starting) Watts? Running (Rated) watts are the continuous watts needed to keep items running. Surge (Starting) Watts are extra watts needed temporarily to start motor-driven products such as refrigerators or circular saws. This is the maximum wattage the generator can produce.

WARNING!

- All gasoline powered engines create carbon monoxide, an odorless, poisonous gas. Use generators outdoors only, away from open windows, vents, or doors.
- Never plug your generator directly into your home outlet.
- Always read and follow the manufacturer's operating manual prior to use.

The information above is estimates only. For best results, check your tool or appliance for exact wattage requirements. The wattages listed are based on wattage requirements. For exact wattages, check the data plate or owner's manual on the item you wish to power.