

# 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.

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

Highest Additional Surge Watts

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

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

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
<b>HEATING/COOLING</b>					
Space Heater	1800	0	Floor Fan - 20"	100	0
Furnace Fan Blower - 1/2 HP	800	2350	Window AC - 10,000 BTU	1200	1800
<b>LAUNDRY ROOM</b>					
Iron	1200	0	Electric Clothes Dryer	5400	1350
Washing Machine	1150	2250	Gas Clothes Dryer	700	1800
<b>KITCHEN</b>					
Microwave Oven - 1000 Watts	1000	0	Electric Stove - 8" Element	2100	0
Coffee Maker	1000	0	Toaster Oven	1200	0
<b>FAMILY ROOM</b>					
VCR/DVD Player	100	0	Color Television - 27"	500	0
Stereo Receiver	450	0	Video Game Console	40	0
<b>TOOL/WORK ROOM</b>					
Quartz Halogen Work Light -	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

**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.

**SPORTSMAN™ Generator**  
SERIES BY BUFFALO TOOLS

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.