

Appliance Usage Guide

To use GenerLink, you will need to know the power requirements for your home appliances. This guide shows you the power needs for various household appliances, tools and equipment. For the exact power requirements, you should consult your product's data plate or manual.

<u>Equipment</u>	<u>Starting Factor</u>	<u>Ave. Running Wattage</u>	
Water heater (50 gallon)	1	4,500–5,000	<p>The wattages presented in this table are estimates. The actual wattage required for your appliances can be calculated. Remember that 1kW = 1,000 watts, 2kW = 2,000 watts, etc.</p>
Portable heater with fan	2	500–1,500	
Fan (Central) –1/4 HP	3	400	
–1/3 HP	3	450	
–1/2 HP	3	600	
Computer	1	200	
Fax machine	1	50–1,000	
Space heater	1	500–1,500	
Refrigerator/freezer	3	750	
Home security system	1	200	
Lights	1	40–150	<p>Watts = Volts X Amps</p> <p>Rule of thumb: allow 2kW/horse power for appliances with motors. Some motors may require up to three times the running wattage to start.</p> <p>Always use starting wattage when calculating electrical load requirements for your generator. Select the appliances you want to operate and add the starting wattages together to determine if they can all be operated at the same time without exceeding the generator's limits. Remember that circuit breakers usually control more than one appliance.</p>
Range w/ oven	1	12,200	
–Small burner	1	1,300	
–Large burner	1	2,400	
Garage door opener –1/3 HP	2	750	
–1/2 HP	2	1,050	
Well Pump –1/3 HP	2	750	
–1/2 HP	2	1,000	
–3/4 HP	2	1,500	
Submersible Sump Pump –1/2 HP	2	1,000	
Dishwasher w/o hot water	2	1,200	
Television	1	150–400	
Radio	1	70–200	
Microwave	1	600–1500	
Coffee maker	1	750–1200	
Toaster	1	1,100	
Hair dryer	2	600–1,400	
Washing machine w/o hot water	2	1,000	
Clothes dryer	2	4,850	
Air cleaner	2	50	
Dehumidifier	2	840	
Humidifier	1	177	
Vacuum cleaner	1	800	