



Wattage Reference Chart

The following reference chart will help you to see how much electricity normal household items consume when they are turned on.

Surge Watts is what it takes to TURN ON the item.
Rated Watts is when the item is RUNNING.

REMEMBER:
 1,000 Watts =
 1 Kilowatt (1 kW)

Add up your total watts needed,
 and increase that by 20-30%
 when sizing your generator.

Appliance	Rated Watts	Surge Watts
Survival Appliances		
Light bulbs	75 each	75 each
Refrigerator/Freezer	500	2000
Sump Pump	800	2000
Water Pump (1/3 HP)	1000	3000
Heating		
Furnace Fan (1/2 HP)*	875	2300
Electric Blanket	400	400
Space Heater	1800	1800
Heat Pump*	4700	12000
Cooling		
Dehumidifier	650	800
Attic Fan*	300	900
Table Fan	800	2000
Window Air Conditioner	1200	4800
Central Air (10k BTU)*	1500	6000
Central Air (24k BTU)*	3800	15000
Central Air (40k BTU)*	6000	24000
Family Room		
Computer	300	300
CD Player	100	100
VCR	100	100
Radio	100	100
Television	300	300
Receiver	420	420
Kitchen		
Microwave	800	800
Blender	300	900
Coffee Maker	1500	1500
Electric Range (1 element)	1500	1500
Toaster (2-slice)	1000	1600
Dishwasher (Hot Dry)	1500	3000
Electric Oven	3410	3410
Laundry Room		
Iron	1200	1200
Washing Machine	1150	3400
Gas Clothes Dryer	700	2500
Electric Clothes Dryer	5400	6750
Other Important Items		
Security System*	500	500
Deep Freezer	500	1000
Hair Dryer	1200	1200
Garage Door Opener (1/3 HP)	750	750
Electric Water Heater*	4000	4000