

How Much Electricity Do You Need to Produce?

Survival Appliances	Rated Watts	Surge Watts
light bulbs	75 each	75 each
<input type="checkbox"/> Refrigerator (1/4 HP)	500	2000
<input type="checkbox"/> Freezer (1/4 HP)	600	1200
<input type="checkbox"/> Sump Pump	800	2000
<input type="checkbox"/> Water Pump (1 HP)	1900	5700
<input type="checkbox"/> Water Pump (2 HP)	2500	7500
Heating		
<input type="checkbox"/> Furnace Fan (1/2 HP)*	875	2300
<input type="checkbox"/> Electric Blanket	400	400
<input type="checkbox"/> Space Heater	1800	1800
<input type="checkbox"/> Heat Pump*	4700	12000
Cooling		
<input type="checkbox"/> Dehumidifier	650	800
<input type="checkbox"/> Attic Fan*	300	900
<input type="checkbox"/> Table Fan	800	2000
<input type="checkbox"/> Window Air Conditioner	1200	4800
<input type="checkbox"/> Central Air (10k BTU)*	1500	6000
<input type="checkbox"/> Central Air (24k BTU)*	3800	15000
<input type="checkbox"/> Central Air (40k BTU)*	6000	24000
Family Room		
<input type="checkbox"/> Computer System: CPU, Monitor, Laser Printer	1500	1500
<input type="checkbox"/> UPS System	2000	2500
<input type="checkbox"/> CD Player	100	100
<input type="checkbox"/> VCR	100	100
<input type="checkbox"/> Radio	100	100
<input type="checkbox"/> Television	300	300
<input type="checkbox"/> Receiver	420	420
Kitchen	Rated Watts	Surge Watts
<input type="checkbox"/> Microwave	800	800
<input type="checkbox"/> Blender	300	900
<input type="checkbox"/> Coffee Maker	1500	1500
<input type="checkbox"/> Electric Range (1 element)	1500	1500
<input type="checkbox"/> Toaster (2-slice)	1000	1600
<input type="checkbox"/> Dishwasher (Hot Dry)	1500	3000
<input type="checkbox"/> Electric Oven	3410	3410
Laundry Room		
<input type="checkbox"/> Iron	1200	1200
<input type="checkbox"/> Washing Machine	1150	3400
<input type="checkbox"/> Gas Clothes Dryer	700	2500
<input type="checkbox"/> Electric Clothes Dryer	5400	6750
Power Tools		
<input type="checkbox"/> Hand Drill (1/4 inch)	350	350

<input type="checkbox"/> Hand Drill (1/2 inch)	600	600
<input type="checkbox"/> Skill Saw (7.25 inch)	1800	2600
<input type="checkbox"/> Band Saw (14 inch)	1100	1400
<input type="checkbox"/> Circular Saw (6.5 inch)	800	1400
<input type="checkbox"/> Sawzall	750	1400
<input type="checkbox"/> Drills (3/8 inch)	440	600
Contractor Tools		
<input type="checkbox"/> Air Compressor (1 HP)	1500	4500
<input type="checkbox"/> High-Pressure Washer (1 HP)	1200	3600
<input type="checkbox"/> Submersible Pump (400 gph)	200	400
<input type="checkbox"/> Electric Chainsaw (1/2 HP)	900	900
Electric Motors		
<input type="checkbox"/> 1/6 HP Motor	300	850
<input type="checkbox"/> 1/4 HP Motor	400	1150
<input type="checkbox"/> 1/3 HP Motor	475	1325
<input type="checkbox"/> 1/2 HP Motor	650	1800
<input type="checkbox"/> 3/4 HP Motor	900	2500
<input type="checkbox"/> 1 HP Motor	1000	2800
<input type="checkbox"/> 1-1/2 HP Motor	1700	4800
<input type="checkbox"/> 2 HP Motor	2000	5900
<input type="checkbox"/> 3 HP Motor	3200	9000
<input type="checkbox"/> 5 HP Motor	5000	13750
Other Important Items		
<input type="checkbox"/> Security System*	500	500
<input type="checkbox"/> Deep Freezer	500	1000
<input type="checkbox"/> Hair Dryer	1200	1200
<input type="checkbox"/> Garage Door Opener (1/3 HP)	750	750
<input type="checkbox"/> Electric Water Heater*	4000	4000