

# Estimated Power Consumption

## Common Appliances

Appliance	Est. Watts	Appliance	Est. Watts
Coffee pot (10 cup)	1200	VCR	40-60
Coffee pot (4 cup)	650	CD or DVD Player	35
Toaster	800-1500	Stereo	30-100
Cappuccino Maker	1250	Clock Radio	50
Coffee Grinder	100	AM/FM car cassette	8+
Blender	300	Satellite dish	30+
Microwave (600 to 1000 W cooking power)	1100-2000W (elec. consumption)	Vacuum cleaner	300-1100
Waffle iron	1200	Mini Christmas lights (50)	25
Hot plate	1200	Space Heater	1000-1500
Frying pan	1200	Iron	1000
Toaster Oven	1200	Washing machine	920
Blow dryer	900-1500	12" 3 speed table fan	230
Computer		TV - 25" color	300
- laptop	50-75	- 19" color TV or monitor	160
- pc & monitor	200-400	- 12" b&w	30
- printer-inkjet	60-75	13" color TV/VCR Combo	230
*Refrigerator/Freezer	600	Game Console (X-Box)	100
*Freezer	500-800	*Furnace Fan (1/3hp)	1200

Tool	Est. Watts	Appliance	Est. Watts
Jig Saw	300	1/4" drill	250
Band Saw	1200	3/8" drill	500
Table Saw	1800	1/2" drill	750
6 1/2" circ. saw	1000	Shop Vac 5 hp	1000
7 1/4" circ. saw	1200+	*Sabre Saw	500
8 1/4" circ. saw	1800	*Portable Grinder	1380
Disc Sander	1200	*Electric Chain Saw 14"	1200
Makita Chop Saw	1550	*Airless Sprayer 1/2 hp	600
Makita Cut Off Saw	1000	*Air Compressor 1 hp	2000

Pump	Running	Starting	Air Conditioner
*Well Pump 1/3 hp	750	1400-3000	*7000 BTU to 10000 BTU Running: 1000-1500. Starting: 2200-5000. (A/C's are a very difficult load because of the high start-up surge. Use the Locked Rotor Amps to determine the start up surge requirement).
*Well Pump 1/2 hp	1000	2100-4000	
*Sump Pump 1/3 hp	800	1300-2900	
*Sump Pump 1/2 hp	1050	2150-4100	

\* Appliances and tools with induction motors (marked \* in tables) may require from 3 to 7 times the listed wattage when starting. The start-up load of the appliance or tool determines whether an inverter has the capability to power it. Check the appliance manual for specs.

F.Y.I. .... (conversion formula: Watts ÷ 120 = Amps ..... Amps x 120 = Watts)