

	Approximate Starting Wattage (what is this?)	Approximate Running Wattage (what is this?)	
Refrigerator or Freezer (Energy Star)	1200	132-192	
Microwave Oven			
650 watts	1000	1000	
800 watts	1300	1300	
1000 watts	1500	1500	
Incandescent Lights	as indicated on bulb (i.e. 60W)	as indicated on bulb (i.e. 60W)	
Furnace Fan, gas or fuel oil			
1/8 Horsepower	500	300	Y
1/6 Horsepower	750	500	Y
1/4 Horsepower	1000	600	Y
1/3 Horsepower	1400	700	Y
1/2 Horsepower	2350	875	Y
Television			
Tube type	300	300	
Flat Screen (20")	120	120	
Flat Screen (46")	190	190	
Coffee Maker (4 cup)	600	600	
Dishwasher (Cool Dry)	540	216	
Electric Fry Pan	1500	1500	
Electric Range (8-inch element)	2100	2100	Y
Automatic Washer	1200	1200	
Clothes Dryer (Electric)	6750	5400	Y
Radio	50 to 200	50 to 200	
Sump Pump			
1/3 Horsepower	1300	800	Y
1/2 Horsepower	2150	1050	Y
Window Air Conditioner (10,000 BTU)	2200	1500	
Computer			
Laptop	200-250	200-250	
Desktop	600-800	600-800	
Monitor (LCD style)	30	30	
Printer	400-600	400-600	
Hot Water Heater	4500	4500	Y

	Approximate Starting Wattage (what is this?)	Approximate Running Wattage (what is this?)	
Garage Door Opener	1420	720	
	Approximate Starting Wattage (what is this?)	Approximate Running Wattage (what is this?)	
Television			
Tube type	300	300	
Flat Screen	120	120	
RV Air Conditioner			
11000 BTU	1600	1010	
13500 BTU	2800	1800	
15000 BTU	3300	2000	
RV Refrigerator	600	180	
Blender	850	400	
Electric Grill (tabletop)	1650	1650	
Slow Cooker	170-270	170-270	
Hair Dryer (1600 watts)	1900	1800	
Microwave Oven (650 watts)	1000	1000	
Coffee Maker	600	600	
Radiant Heater	1300	1300	
Laptop computer	200-250	200-250	
Satelite Receiver	250	250	
Radio	50 to 200	50 to 200	
Two-Way Radio			
12A	360W	360W	
23A	840W	840W	
35A	960W	960W	
Fan (portable)	120	40	
DVD Player	350	350	
	Approximate Starting Wattage (what is this?)		(what is this?)
Air Compressor			
1/2 hp	1600		975
1 hp	4500		1600
Bench Grinder (8 in.)	2500		1400
Circular Saw (Heavy Duty, 7 1/4 in.)	2300		1400
Concrete Vibrator			

	Approximate Starting Wattage (what is this?)	Approximate Running Wattage (what is this?)
1/2 hp	840 (avg)	840 (avg)
1 hp	1080 (avg)	1080 (avg)
2 hp	1560 (avg)	1560 (avg)
3 hp	2400 (avg)	2400 (avg)
Demolition hammer	1260 (avg.)	1260 (avg.)
Drain cleaner	250 (avg.)	250 (avg.)
Drills		
3/8 inch, 4 amps	600	440
1/2 inch, 5.4 amps	900	600
Electric Chain Saw (14 inches, 2 hp)	1100	1100
Hand Drill (1/2 in.)	900	600
High-pressure Washer (1 hp)	3600	1200
Rotary hammer	1200 (avg.)	1200 (avg.)
Table Saw (10 in.)	4500	1800
Industrial Motors		
Split Phase		
1/8 Horsepower	1200	275
1/4 Horsepower	1700	400
1/3 Horsepower	1950	450
1/2 Horsepower	2600	600
Capacitor Start Induction Run		
1/8 Horsepower	850	275
1/4 Horsepower	1050	400
1/3 Horsepower	1350	450
1/2 Horsepower	1800	600
3/4 Horsepower	2600	850
1 Horsepower	3000	1000
1 1/2 Horsepower	4200	1600
2 Horsepower	5100	2000
3 Horsepower	6800	3000
4 Horsepower	9800	4800
Capacitor Start Capacitor Run		
1/8 Horsepower	600	275
1/4 Horsepower	850	400
1/3 Horsepower	975	450

	Approximate Starting Wattage (what is this?)	Approximate Running Wattage (what is this?)
½ Horsepower	1300	600
¾ Horsepower	1900	850
1 Horsepower	2300	1000
1-½ Horsepower	3200	1600
2 Horsepower	3900	2000
3 Horsepower	5200	3000
4 Horsepower	7500	4800
Fan Duty		
1/4 Horsepower	1200	650
	Approximate Starting Wattage (what is this?)	(what is this?)
Electric Fence, 25 miles	250	250
Milk Cooler	1800	1100
Milker (vacuum pump, 2hp)	2300	1000
Portable Heater (kerosene, diesel fuel)		
50,000 BTU	600	400
90,000 BTU	725	500
150,000 BTU	1000	625
Battery Charger		
15 amp	380	380
60 amp with 250-amp boost	1500/5750	1500/5750