

## required **Wattage Chart**

	Running Wattage Required	Additional Wattage Required at Startup
<b>Household/RV</b>		
Coffee Maker	1750	0
Dishwasher: Cool/Dry	700	1400
Electric Fry Pan	1300	0
Electric Range: 8in. Element	2100	0
625W Microwave	625	800
Refrigerator or Freezer	700	2200
Automatic Washer	1150	2300
Electric Clothes Dryer	5750	1800
Furnace Fan (Gas or fuel oil): 1/8 HP	300	500
Furnace Fan (Gas or fuel oil): 1/6 HP	500	750
Furnace Fan (Gas or fuel oil): 1/4 HP	600	1000
Furnace Fan (Gas or fuel oil): 1/3 HP	700	1400
Furnace Fan (Gas or fuel oil): 1/2 HP	875	2350
Lights	As indicated on bulb	0
Radio	50-200	0
Sump Pump: 1/3 HP	800	1300
Sump Pump: 1/2 HP	1050	2150
Color Television	300	0
RV Air Conditioner: 13,500 BTU	1500	2200
Room Air Conditioner: 10,000 BTU	1500	2200
Central Air Conditioner (for 2200 sq. ft. home*)	10,000	11,250
Small Appliance	200	1700
<b>Contractor</b>		
8in. Bench Grinder	1400	2500
Pressure Washer: 1 HP	1200	3600
7-1/4in. Circular Saw	1400	2300
Electric Chain Saw: 14in. Bar, 2 HP	1100	0
10in. Table Saw	1800	4500
Drill: 3/8in., 4 Amps	440	600
Drill: 1/2in., 5.4 Amps	600	900
Portable Heater (Kerosene, Diesel Fuel): 50,000 BTU	400	600
Portable Heater (Kerosene, Diesel Fuel): 90,000 BTU	500	725
Portable Heater (Kerosene, Diesel Fuel): 150,000 BTU	625	1000
Battery Charger: 15 Amp	380	0
Battery Charger: 60 Amp with 250 Amp Boost	1500/5750	0
Battery Charger: 100 Amp with 300 Amp Boost	2400/7800	0
Electric Welder: 200 Amp AC	9000	0
Electric Welder: 230 Amp AC at 100 Amp	7800	0
<b>Industrial Motors</b>		
Split Phase: 1/4 HP	600	1000
Split Phase: 1/2 HP	875	2300
Capacitor Start Induction Run: 1/3 HP	720	1300
Capacitor Start Induction Run: 1 HP	1600	4500
Capacitor Start Capacitor Run: 1 1/2 HP	2000	6100
Fan Duty: 1/6 HP	550	850
<b>Computers</b>		
Desktop	600-800	0
Laptop	200-250	0
Monitor	200-250	0
Fax	600-800	0
Printer	400-600	0