

How Much Power Do You Need?

HOUSEHOLD/RV	APPROX. WATTAGE REQUIRED FOR STARTING	APPROX. RUNNING WATTAGE REQUIREMENTS
Air Conditioner		
Window Unit, 10,000 BTU	3600	1200
RV, 13,500 BTU	2800	1600
Washing Machine	2250	1150
Box Fan or Table Fan, 20 inches	200	85-180
Clothes Dryer		
Electric	6750	5400
Natural Gas	1800	900
Coffee Maker (Pod Style)	1500	200-400
Dishwasher (Cool Dry)	1800	1200
Electric Blanket	50-150	50-150
Electric Fry Pan	1800	1800
Electric Range		
6-Inch Element	1500	1500
8-Inch Element	2100	2100
Furnace Fan, gas or fuel oil		
1/8 Horsepower	500	300
1/4 Horsepower	750	500
1/2 Horsepower	1000	600
3/4 Horsepower	1400	700
1 Horsepower	2350	875
Incandescent Lights	as indicated on bulb	as indicated on bulb
LED Light bulbs (as marked)	5-15	5-15
Microwave Oven		
650 Watts	1000	650
800 Watts	1300	800
1000 Watts	1400	1000
Radiant Heater	1300	1300
Radio	50-200	50-200
Refrigerator or Freezer (Energy Star)	1200	50-75
Sump Pump		
1/8 Horsepower	2700	950
1/4 Horsepower	3000	1050
Television (LED)	50-200	50-200
Toaster	800	800
Home Oxygen Concentrator (5-10 LPM)	800	325-600
Dehumidifier	800	450-600
Hair Dryer	300-1600	300-1600
Cell Phone Charger	1-4	1-4
Computer Charger	60-120	60-120
CONTRACTOR		
Air Compressor		
1/8 Horsepower	1600	1000
1 Horsepower	4500	1600
Bench Grinder, 8 Inches	2500	1400
Circular Saw, Heavy Duty, 7 1/4 Inches	2300	1450
Concrete Vibrator		
1 Horsepower	1050	1050
2 Horsepower	1250	1250
3 Horsepower	1550	1550
Demolition Hammer	1260	1260
Drain Cleaner	250	250
Drills		
3/8 inch, 4 amps	600	440
1/2 inch, 5.4 amps	900	600
Hand Drill, 1/2 inch	1000	600

CONTRACTOR (CONT'D)	APPROX. WATTAGE REQUIRED FOR STARTING	APPROX. RUNNING WATTAGE REQUIREMENTS
Electric Chain Saw, 14 inches, 2 hp	1100	1100
High-Pressure Washer, 1 Horsepower	3000	1200
Rotary Hammer	1200	1200
Table Saw, 10 inches	4500	1800
Airless Paint Sprayer	700-1500	700-1500

INDUSTRIAL MOTORS

Capacitor Start Capacitor Run		
1/8 Horsepower	600	275
1/4 Horsepower	850	400
1/2 Horsepower	975	450
3/4 Horsepower	1300	600
1 Horsepower	1900	850
1 1/2 Horsepower	2300	1000
2 Horsepower	3200	1600
3 Horsepower	3900	2000
4 Horsepower	5200	3000
Capacitor Start Induction Run		
1/8 Horsepower	850	275
1/4 Horsepower	1050	400
1/2 Horsepower	1350	450
3/4 Horsepower	1800	600
1 Horsepower	2600	850
1 1/2 Horsepower	3000	1000
2 Horsepower	4200	1600
3 Horsepower	5100	2000
4 Horsepower	6800	3000
Fan Duty		
1/4 Horsepower	1200	650
Split Phase		
1/8 Horsepower	1200	275
1/4 Horsepower	1700	400
1/2 Horsepower	1950	450
3/4 Horsepower	2600	600

FARM EQUIPMENT

Battery Charger		
15 amp	380	380
60 amp with 250-amp boost	1500/5200	1500/5200
100 amp with 300-amp boost	2400/7800	2400/7800
Electric Fence, 25 miles	250	250
Electric Welder		
200 amp AC	11500	11500
230 amp AC, at 100 amp	5750	5750
Milker (vacuum pump), 2 Horsepower	2300	1000
Portable Heater (Kerosene, Diesel Fuel)		
50,000 BTU	600	400
90,000 BTU	725	500
150,000 BTU	1000	625

OFFICE

Desktop Computer	60-250	60-250
Fax Machine	160-800	160-800
Laptop Computer	60-120	60-120
Monitor (LCD Style)	20-50	20-50
Printer (Commercial)	400-650	400-650

Ask your Honda Dealer to help you select the most efficient model for your power needs.

NOTE: Check your equipment or appliance for actual wattage requirements.

Amps x Volts = Watts

NOT ALL MODELS
AVAILABLE IN ALL STATES