

Determine which home appliances or tools you want to use:

1. Total the watts for each item (Amps x Volts=Watts).
2. Select the unit that meets or exceeds your wattage needs.
3. Be aware that electric motors require more starting watts than when running .
4. **Important! Most motor powered items require additional 1-2 X The rated watts to start.**

Determine Your Wattage Needs		
Application/Equipment:	Run Watts	Starting Watts
EMERGENCY / HOME STANDBY		
Clock Radio	50	50
Lights (4 quantity x 75 W)	300	300
Color Television	500	0
Refrigerator	700	2200
Furnace Fan	800	2350
Water Well Pump	1000	1500
Microwave	1000	0
Sump Pump	1050	220
Electric Range (per element)	2100	0
JOBSITE		
Electric Drill - 1/2 HP	600	900
Airless Sprayer - 1/3 HP	600	1200
Quartz Halogen Work Light	1000	0
Reciprocating Saw	960	0
Air Compressor - 1 HP	1600	4500
Circular Saw - 7 1/4 in.	1400	2300
Planer/Jointer - 6 in.	1800	1800
Miter Saw - 10 in.	1800	1800
Table Saw/Radial Arm Saw - 10 in.	2000	2000