

Appliance Usage Guide

Equipment	Starting Factor	Running Wattage (avg.)
Water Heater (50 gallon)	1	4500-5000
Portable Heater with fan	2	500-1500
Furnace Fan (Central) - 1/4 HP	3	400
1/3 HP	3	450
1/2 HP	3	600
Computer	1	200
Fax Machine	1	50-1000
Space Heater	1	500-1500
Refrigerator/Freezer	3	750
Home Security System	1	200
Lights	1	40-150
Range w/Oven	1	12200
- Small Burner	1	1300
- Large Burner	1	2400
Garage Door Opener - 1/3 HP	3	750
- 1/2 HP	3	1050
Well Pump - 1/3 HP	3	750
1/2 HP	3	1000
3/4 HP	3	1500
Submersible Sump Pump - 1/2 HP	3	1000
Electric Heat Pump	3	6000
Central A/C 3 ton	3	6000
Dishwasher w/o hot water	2	1200
Television	1	150-400
Radio	1	70-200
Microwave	1	600-1500
Coffee maker	1	750-1200
Toaster	1	1100
Hair Dryer	2	600-1400
Washing Machine w/o Hot Water	2	1000
Clothes Dryer	2	4850
Air Cleaner	2	50
Dehumidifier	2	840
Humidifier	1	177
Vacuum Cleaner	1	800

Generator Size:
(Watts)

 A

B Load	C Start Factor	X	D Run Watts	=	E Load Watts
		X		=	
		X		=	
		X		=	
		X		=	
		X		=	
		X		=	

Lights	Wattage	F Number
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60	X		=	
100	X		=	
150	X		=	

Total:

 G

NOTES

Calculating Amperage

Total Watts Divided by Voltage = Amperage

SAMPLE WORKSHEET

Generator Size: (Watts) 7200

B Load	C Start Factor	X	D Run Watts	=	E Load Watts
Refrigerator	3	X	1000	=	3000
Sump Pump	2	X	1000	=	2000
Computer	1	X	200	=	200
Fan (central) 1/4 hp	3	X	400	=	1200
		X		=	
		X		=	

Lights		F		
	Wattage		Number	
60	X	2	=	300
100	X	1	=	100
150	X	0	=	0

Total: G