

Typical Equipment / Product	Wattage		Comments
	Min	Max	
Air Compressor - Large (6 Gal)	1500*	2000*	*Starting wattage can be greater depending on status of compressor head (loaded/unloaded).
Air Compressor - Pancake	1500*	2000*	*Quasi-sine wave power is recommended.
Air Conditioner -10K BTU	1200	1500	
Air Conditioner -5K BTU	600	700	
Battery Charger - Tools 14.4V (14V)	120	250	-Tool Battery chemistry (Ni Cad, Ni Mh, Li Ion) and voltage dictate the wattage required for charging. Consult tool manufacturer's manual.
Battery Charger - Tools 21.6V (22V)	75	150	
Cell Phone	20	50	
Chain Saw - 2 Hp Electric	1200^	3000^	^ Power requirement may be greater depending on the type of material drilled and thickness.
Computer - Desktop & Monitor	300	400	
Computer - Laptop	300	400	
Computer - Tablet	75	100	
Drill - 1 1/8" Rotary Hammer	1000* ^	2000* ^	* Inductive motor starting can be 2-3 times continuous power rating.
Drill - 1/2" VSR	750* ^	800* ^	^ Power requirement may be greater depending on the type of material drilled and thickness.
Drill - 3/8" VSR	300* ^	500* ^	-Sine wave power may be required by certain brands.
Fan	200	400	
Fiber Optic Cable Splicer	1000	1500	
Grinder - 4"	750*	1000*	* Inductive motor starting can be 2-3 times continuous power rating.
Heat Gun	750	1500	
Heater - Bucket	1500		
Heater - Ceramic Space	1500	2000	
Coffee Maker	750	1500	
Impact Wrench - 1/2"	1000* `	1500* `	* Inductive motor starting can be 2-3 times continuous power rating. ` Power requirement may be greater depending on torque as bolts tighten.

**Information listed is for general inverter sizing. Power requirements vary by tool and equipment manufacturer. Consult the tool or equipment manufacturer's website for specific power requirements.**



**EXPERIENCE POWER... EXPERIENCE VANNER.**

Typical Equipment / Product	Wattage		Comments
	Min	Max	
Light - Halogen	300	500	-Halogen and Incandescent light bulbs will draw 3-5+ times continuous power when cold.
Light Bulb - Fluorescent	25		
Light Bulb - Incandescent 100W	100		
Microwave Oven - Full Size (1000W +)	1000	1500	
Microwave Oven - Small (700W / 800W)	700	1000	
Pipe Fusion Machine	1500	3600	-Requires continuous high power and sinewave power.
Pipe Threader	1500	2000	
Pressure Washer (1 Hp)	1500	3600	
Printer - Ink Jet	50	150	-Requires sinewave power
Printer - Laser	1000	2000	-Printer head heater activates every 2-3 seconds. -Requires sinewave power
Pump - Sump 1/2 Hp	1000*	1200*	* Inductive motor starting can be 2-3 times continuous power rating.
Pump - Water	1000*	1200*	
Refrigerator - Small (1.6 CF)	100	150	
Refrigerator - Small (2.5 CF)	200	250	
Saw - 12" Chop (Miter)	1500* ^	2000* ^	* Inductive motor starting can be 2-3 times continuous power rating.
Saw - 8" Circular	1500* ^	2000* ^	
Saw - Reciprocating	1500* ^	2000* ^	^ Power requirement may be greater depending on the type of material sawed and thickness.
Saw - Table	1500* ^	2000* ^	
Sewer Camera System	700	1000	
Shop Vacuum - 1/2 Hp	800	1200	
Television Flat - 32" / Monitor	30	50	
Thumper ( Fault Indicator)	2000	2500	-Requires sinewave power

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