

Generator Sizing Chart

		 <i>EF1000iS</i>	 <i>EF2000iS</i>	 <i>EF2400iS</i>	 <i>EF2800i</i>	 <i>EF3000iSE</i>	 <i>EF5200FW</i>	 <i>EF6300iSE</i>	 <i>EF6600E</i>
<i>Type</i>		Inverter	Inverter	Inverter	Inverter	Inverter	Conventional	Inverter	Conventional
<i>Max. Output</i>		1kVA	2kVA	2.4kVA	2.8kVA	3kVA	5.2kVA	6.3kVA	5.5kVA
<i>Rated Output</i>		0.9kVA	1.6kVA	2kVA	2.5kVA	2.8kVA	4.5kVA	5.5kVA	5kVA
<i>Application</i>	<i>Est. Watts</i>								
Lights	25 - 200	✓	✓	✓	✓	✓	✓	✓	✓
Computer	30 - 250	✓	✓	✓	✓	✓	✓	✓	✓
Television	75 - 200	✓	✓	✓	✓	✓	✓	✓	✓
Air Conditioner (evaporative)	275	✓	✓	✓	✓	✓	✓	✓	✓
Domestic Water Pump (1/2hp)	375	✓	✓	✓	✓	✓	✓	✓	✓
Refrigerator	100 - 800		✓	✓	✓	✓	✓	✓	✓
Toaster	250 - 1250		✓	✓	✓	✓	✓	✓	✓
Microwave Oven	500 - 1200			✓	✓	✓	✓	✓	✓
Kettle or Jug	800 - 1500			✓	✓	✓	✓	✓	✓
Washing machine	500 - 3000					✓	✓	✓	✓
Air Conditioner (refrigerative)	750 - 2500					✓	✓	✓	✓
Hot Water Service	2500 - 3500						✓	✓	✓
PLEASE NOTE: Electric motors require more power to start than they do to run. If using electric motors, assume a maximum demand of three times the steady state load shown in the chart. i.e. a 1hp motor will require 750 W to operate but 2250 W to start. Motors starting under load (eg compressors and submersible pumps) have a higher starting demand.									
Electric Motor			✓	✓	✓	✓	✓	✓	✓
1/4 hp	187		✓	✓	✓	✓	✓	✓	✓
1/2 hp	375						✓	✓	✓
1 hp	750							✓	✓
2 hp	1500								
Grinder	2300					✓	✓	✓	✓
Welder 140amps	4000							✓	✓

Note that the above example calculations and table are provided as a guide only. The power demand of appliances varies with brands and models.
If in doubt about which generator you need please call our friendly staff on