

## Generator Sizes and Example of What Each Can Power

The chart below is meant to give you a **general idea** of the amount of power each level of generator can provide.

If you will need to rely on generator power on a regular basis for some or all of your office and/or residential needs - that is, if you will need anything in the second group of generators listed below - you should call professionals to assist you with generator sizing. Those companies who bid on providing the generator should include sizing as part of their bid.

Actual prices will vary on generator brand, import taxes, and local supply and demand. But these figures give you some idea of the price of one size versus another.

	Rated Watts	Can Power	Approximate Cost
<b>Portable: Something you bring with you to run a few appliances for a short time.</b>			
Small lightweight portable generators.  Usually petrol (gasoline) driven.  Can run for maximum of 6 to 8 consecutive hours	<b>2.5 KW</b>	2 to 4 lights, Small printer, Charge 2- 3 laptops, Charge phones	\$300 - \$500
	<b>5 KW</b>	All of above plus fans	\$ 400 - \$700
<b>Fixed: Something you'll use several hours each day to power an office or residence.</b>			
Large, fixed generators.  Usually diesel.	<b>8KW</b>  10 hrs consecutively	Small office of 5 -6 people with: - 3 Desktop computers, - Small printer, scanner, photocopier - Laptops  No air conditioning, heating, or water heaters	\$ 1000- \$2,000
	<b>15 KW</b>  10 -12 hrs consecutively	All of above plus: - 1 -2 airconditioners (or heaters) - kitchen appliances.  Would struggle with ACs and high load kitchen appliances running at the same time.	\$3,000 - \$8,000
	<b>25 KW</b>  12 - 15 hrs consecutively	Medium size Office for 10+ people with: - 3 to 4 air conditioners - 5 Desktop computers, - Good quality photo copier, - Kitchen appliances (incl. water heater, microwave, etc.)  Would struggle with ACs and high load kitchen appliances running at the same time.	\$6,000 - \$20,000
	<b>+30KW</b>  12 -15 hrs consecutively	Large office with airconditioning units	\$10,000 - \$25,000+