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Appliance	Load (Watts)	Quantity	Calculation
Air Conditioner 10000BTU	2000 Running		
	5000 Starting		
Air Conditioner 20000BTU	3000 Running		
	7500 Starting		
Air Conditioner 24000BTU	4500 Running		
	11250 Starting		
Alarm System	800		
Auto Washing Machine	3000		
Borehole Pump	2000 Running		
	5000 Starting		
Borehole Pump	750 Running		
	2000 Starting		
Computer	300		
Decoder	200		
Deep Freeze	400-600		
Dishwasher	1450 - 2500		
Electric Fence	600		
Electric Gate	800		
Electric Heaters (Per bar)	1000-3000		
Electric Iron	750-1000		
Fax/Answer Phone	60-100		
Geyser (Standard 240l)	3000		
Grill	2000		
Hair Dryer	2000		
Home UPS	100-600		
Kettle	850-2000		

Lighting – Domestic (Per Bulb)	40-100		
Lighting – Outside (Yard)	100-1000		
Microwave	1000-3000		
Oven (Per Element)	2500		
Percolator	500		
Plate Warmer	400		
Printer	60-1000		
Radio / Stereo / Home Theatre	200 - 500		
Refrigerator	550-2500		
Sewing Machine	80		
Stove (Per Plate)	2000		
Swimming Pool Pump	1500		
Television	300		
Toaster	750-1250		
Tumble Dryer	2500		
Vacuum Cleaner	250		
	<b>Sub total</b>		
	<b>Total</b>		
	<b>Divide by 0.8 for kVA</b>		
	<b>kVA Total</b>		

1000 Watts = 1 kW

1000 Watts = 1.2 kVA

The above calculation sheet is an indication of the common business and household ratings of common appliances. This sheet should be used as an indication for the size of the generator that you require and should not be used in isolation. A load test or consultation with an Electrical professional is recommended.