

# KG ELECTRIC

## TYPICAL / ESTIMATED POWER CONSUMPTION OF APPLIANCES.

INFORMATION GIVEN WITHOUT OBLIGATION - ACTUAL FIGURES MAY VARY OUTSIDE OF RANGES GIVEN!

	Power draw of item - Watts	Remarks
TV 50 - 67cm modern	80	
TV 50 - 67cm older	120+	
TV higher end / medium plasma	150-300	
TV large plasma	300+	
DSTV decoder	40-50	
Video recorder	30-50	
Portable radio	20-60	
Hi-Fi	100-200	
Computer desktop 14in screen	150-200	
Computer desktop high end and larger screen	300-400	
Computer server type	400+	
Laptop computer	50-80	
Ink jet printer	40-60	
Dot matrix printer	100-200	
Laser printer / multifunctional machine	400-1000	
Laser printer or copier older	600-1200	
Fax machine transmit	20-30	
Fax machine receive/print	40-80	
Alarm system	20-40	
Gate motor 220V or garage door opener	200-500	
Routers/ modems	20-40	
Bedside radio/clock	10-20	
Kettle	1500-2200	
Frying pan	1200-1800	
Kitchen blender	500-800	
Cutting machine (kitchen appliance)	200-400	
Slow cooker	250-350	
Coffee machine	600-1000	
Toaster	800-1500	
Snackwich	1500-2000	
Electric Carving knife	100-150	
Food mixer	100-200	
Hair dryer	800-1500	
Hair curlers	300-400	
Ceiling fan	80-100	
Desk top fan	40-80	
Cash register	30-50	
Switchboard small	50-80	
Sewing machine domestic	80-120	
Knitting machine	150-250	
Floor polisher	400-700	

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Vacuum cleaner domestic	800-1200	
Carpet cleaner	1000-1200	
Electric iron small power	500-700	
Electric iron bigger power	1500-2500	
Microwave smallest	800	
Microwave medium to large	1200-2500	
Medical appliance - humidifier	100-150	
Medical appliances ( e.g humidifiers)	??	
Electric blanket	100-150	
Fridge/freezers small ( eg bar fridge), modern energy efficient		1200-1800 watt-hrs/day, but depends lot on ambient temp, thermostat setting, door openings, content turnover
Fridge/freezers medium, modern energy efficient		1700-2500 watt-hrs/day, but depends lot on ambient temp, thermostat setting, door openings, content turnover
Fridge/freezers medium, older		>2500 watt-hrs per day
Washing machine cold cycle	700-1000	
Washing machine hot cycle	2000-3000	
Tumble drier	2500-3500	
Dish washer ( motor + heater)	2200-3000	
Power drill DIY	400-750	
Pool pump	1000-2800	
Electric geyser	3000+	
Aircon 7000-12000BTU	1800-3000+	
Aircon energy saving	1300-1500	
Flourescent lights with magnetic ballast		very inefficient!!
Barbeque grill electric	1200-1500	
Barbeque - spitbraai with rotary motor	50-60	
Battery charger small	100-300	
Borehole pump for domestic garden	1000-2000	
Edge trimmer (weedeater)	500-700	
Electric drill	400-800	
Grinder - bench type	300-500	
Grinder - Angle hand-held large	2000-2200	
Grinder - Angle hand-held small	500-750	
Lawn-mower electric	1500-2500	
Pool pump	750-1500	
Welder (portable single phase)	1500-2500	
Two-plate stove	2000+	
Electric stove	1500-2200	per plate/grill element/bake element
Electric stove warming drawer	400-600	
Electric bar heater	1000	per bar
Electric oil heater	2000+	

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Electric fan heater	1500+	
Other	??	
Other	??	
<b>START-UP POWER NEEDS:</b> Numerous appliances have start-up power surges that have to be taken into account when selecting a power inverter. This is particularly the case for fridges, aircons, pool pump motors and other appliances that contain electric motors , but to a lesser extent it also applies to TV's and other items.		