

Appliance Running Costs

The cost of running appliances depends on their function and efficiency, when buying a new appliance customer's should choose the most energy efficient (A rated), rather than the least energy efficient (G rated).

For energy saving advice or products please view the [Code Of Practice On The Efficient Use Of Electricity](#) (Available on the Power NI Website).

Costs listed below are based on a rate of 17.84p per unit of electricity (Home Energy Standard Rate) **Including 5% VAT.**

GENERAL APPLIANCES	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
Games Console	171	3p
Standard Television-36"	87	2p
TV-LCD-52"	174	3p
TV-Plasma-50" High Definition	357	6p
Video Recorder	60	1p
Printer - Laser Jet	576	10p
Computer & Monitor	100 – 200	2p – 4p
Stereo	140	3p
Kettle	1200 - 3000	21p – 54p
Toaster	900	16p
Iron	1,100	20p
Shower	4000 - 7000	71p – £1.25
Towel Rail	90-200	2p – 4p
Hair Drier	1800-2500	32p – 45p
Hair Curler	350	6p
Electric Blankets	400	7p
Extractor Fan	115	2p
Vacuum Cleaner	780	14p

HEATING & COOKING	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
3 Bar Electric Fire	3000	54p
1 Bar Electric Fire	1200	21p
Electric Blanket	200	4p
Panel Radiator	750 to 3000	13p – 54p
Oil Filled Radiator	500 to 2000	9p – 36p
Fan Heater	2000 to 3000	36p – 54p
Coffee Maker	900	16p
Immersion Heater	3000	54p
Cooker – 1 Ring	1400	25p
Oven Only	600 to 1700	11p – 30p
Oven & Rings	4500	80p

WHITE GOODS	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
Washing Machine	1150 – 2200	21p – 39p
Spin Drier	250	5p
Dish Washer	2250	40p
Microwave	600 to 800	11p – 14p
Tumble Drier	4900	87p

OTHER APPLIANCES	POWER RATING (watts)	COST TO RUN FOR ONE HOUR (pence*)
Hot Tub (4 Person, 120 Volt)	3500	62p
Hot Tub (4 Person, 240 Volt)	7000	£1.25
Baby Food Warmer	165	3p

LIGHTING	POWER RATING (watts)	COST TO RUN FOR <u>24 HOURS</u> (pence*)
1 Standard Light Bulb	40 to 150	17p – 64p
1 Energy Saving Light Bulb	10 to 20	4p – 9p
1 Strip Light	20 to 65	9p – 28p
100 LED Mini Christmas Bulbs	8	3p
100 Small Standard Christmas Bulbs	50	21p

OTHER APPLIANCES	POWER RATING (watts)	COST TO RUN FOR <u>24 HOURS</u> (pence*)
Fish Tank Pump	80 - 250	34p – £1.07
De-Humidifiers	480 - 790	£2.06 – £3.38

* Cost to run an appliance has been rounded to the nearest whole number

Typical Standby Costs Of Appliances In The Home

The table below covers a range of electrical appliances that we all have in our home. It includes the average wattage of each appliance and the amount of electricity used (Per year) when each of these appliances are not switched off and are left on standby.

	Wattage	kWh per year	Cost per year (16.99 pence per kWh) + VAT@ 5%
Mobile Phone Charger	1	8.76kWh	£1.56
Smart Speaker	2	17.52kWh	£3.13
Washing Machine	2	17.52kWh	£3.13
Laptop Computer/Charger	2	17.52kWh	£3.13
Games Console	2	17.52kWh	£3.13
Cooker	5	43.8kWh	£7.81
Digital Box	5	43.8kWh	£7.81
Microwave	7	61.32kWh	£10.94
Cordless Phone	8	70.08kWh	£12.50
TV	10	87.6kWh	£15.63
Broadband Modem (Full Power)	14	122.64kWh	£21.88
Total			£90.65

NB: The typical cost for any household depends on the number and type of appliances left on standby. The cost per unit of electricity used in these calculations is based on the current Home Energy Standard Rate.

* Cost to run an appliance has been rounded to the nearest whole number