

Household Electricity – Power, Current and Fuses

Typical Power Consumption of Mains Appliances

Appliance	Power in Watts	Appliance	Power in Watts
Blender	300	Microwave	600 - 1500
Blow Dryer	1000 - 1500	Refrigerator	540
CD Player	15 - 30	Satellite Dish	30
Ceiling Fan	10 - 50	Sewing Machine	100
Computer		Shaver	15
<i>Laptop</i>	20 - 75	Stereo	10 - 80
<i>Desktop PC</i>	80 - 300	Toaster	800 - 1500
<i>Printer</i>	100	Tools	
Coffee Maker	800	<i>9" disc sander</i>	1200
Clock Radio	1	<i>3" belt sander</i>	1000
Dishwasher	1200 - 1500	<i>12" chain saw</i>	1100
Electric Blanket	200	<i>14" band saw</i>	1100
Electric Clock	1	<i>7 1/4" circular saw</i>	900
Iron	1000	<i>8 1/4" circular saw</i>	1400
Kettle	2000	Vacuum Cleaner	300 - 1500
Lights		VCR	40
Incandescent	Fluorescent	Washing Machine	500
100W	30W		
75W	20W		
60W	16W		
40W	11W		

Put these in ascending numerical order:

- UK mains voltage (in V)
- voltage of an AA battery (in V)
- power used by a coffee maker (in W)
- power used by an iron (in kW)
- current used by a refrigerator (in A)
- current used by a shaver (in A)
- fuse used in a kettle (choose from 3, 5, or 13 amp)
- UK mains frequency (in Hz)