



# QUICK REFERENCE GUIDE TO APPLIANCE POWER CONSUMPTION

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This Quick Reference Guide is designed to assist you in planning your power requirements, and if followed, will reduce the likelihood of problems occurring at the exhibition venue.

Full Circle Events & Exhibitions Ltd provides standard 3-pin English 13A socket-outlets, but with four different power ratings. The list below indicates the sort of equipment that can be used with each of the power ratings:

**500W SOCKET OUTLET IS RATED AT 2 AMP AND CAN SUPPLY:**

One computer [or 2 x laptops]  
A small domestic fridge  
Four mobile phone chargers  
Television and DVD Player

Only one four-way extension lead is allowed per 500W socket, providing the extension lead is no longer than 2 metres in length and the total load connected to the extension does not exceed 500W

**1kW (1000W) SOCKET OUTLET IS RATED AT 4 AMP AND CAN SUPPLY:**

Small domestic coffee machine (750W – 1kW)  
Small domestic steamer (900W – 1kW)  
Small microwave cooker (750W – 1kW)  
Vacuum Cleaner (800W – 1kW)  
Plasma Screen \*

\*Where large Plasma screens are used, it has been our experience that although the screen is quite happy to run from a 500W socket-outlet, the large start-up current of the screen sometimes causes the 500W socket to trip out. We always recommend that a 1kW socket be used to supply a larger than 32 inch plasma screen

**2kW (2000W) AND 3kW (3000W) ARE RATED AT 10 AMP AND 13 AMP RESPECTIVELY AND CAN SUPPLY:**

Jug Kettle (2kW – 3kW)  
Catering coffee machine (1.5kW – 3kW)  
Professional audio-visual systems (2kW)  
Industrial Cleaners (1.2kW – 3kW)  
Water Heaters (3kW)

**Please Note:**

The list indicates individual items that can be used with each socket, with the exception of the 500W socket above. All sockets are supplied on daytime power only unless 24-hour continuous power is requested and quoted for. Generally the power is switched off 30 minutes after the show closes and switched on 30 minutes before the show opens each day.

Actual power requirements will vary dependent upon the individual equipment used. All electrical equipment has a Rating Plate that shows its power consumption in Watts (W) or kilowatts (kW). You should carefully examine all equipment to be used and calculate the exact power usage before ordering your electrical power requirements.

If you are ordering a socket so as to be able to supply your own lighting arrangement(s), then in accordance with the regulations, the maximum power rating of any single lighting circuit is 1000W (1kW), so if, for example, you had 3kW of lighting on your stand, you would need to order 3 x 1kW sockets for this arrangement.

Under the current regulations it is not permissible to order a socket and use it to supply a consumer unit if you are carrying out the installation of your own electrical wiring and equipment. In these circumstances you will need to order an electrical mains supply.