



How Many Watts Do You Need?

To select a connection that has enough power for your needs, add the watts for items you may want to run at the same time during the show. Use the total wattage, plus 20%, as your minimum power requirement.

Note: The wattage's given below are estimates. The actual wattage required for your appliances may differ from those listed. Always check the nameplates on your appliances.

* Appliances and tools with induction motors (marked * in tables) may require from 3 to 7 times the listed wattage when starting. The start-up load of the appliance or tool determines whether an inverter has the capability to power it. Be sure to check the specific wattage requirements and operating instructions for appliances / tools to be used.

N.B. (conversion formula: $\text{Watts} \div 120 = \text{Amps}$ $\text{Amps} \times 120 = \text{Watts}$)

Common Appliances	Estimated Watts
Coffee Maker	600-1200
Keurig	1500 (max) 200-400 (continuous)
Blender	300-1000
Microwave (600-1000 Watt Cooking Power)	1000-2000
Waffle Iron	800-1500
Hot Plate	750-1500
Electric Skillet	1000-1500
Toaster Oven	1200
Toaster	800-1500
Hair Dryer	1000-1875
Vacuum Cleaner	300-1500
Space Heater	750 / 1500
Clothes Iron	1000-1500
* Refrigerator	500-750
* Chest Freezer	600
* Washing Machine	500-1000
Furnace Fan	750-1200
Household Fan	50-120
Clock Radio	10-50
Stereo	30-100
Cell Phone Charger	10

Laptop Computer	20-75
MacBook Pro	85
iPad / Tablet	10-20
Desktop with Monitor	200-400
Inkjet Printer	15-75
Laser Printer	500 (continuous) 2000 (peak)
Photographic Strobe (300 Watt-Second)	1200 (peak)
TV 32" LED/LCD	50
TV 42" Plasma	240
Home Theatre Projector	200
Blu-Ray or DVD Player	15
Satellite Dish / Receiver	20-30
Video Game Console (Xbox / PS4 / Wii)	40-140

Common Tools	Estimated Watts
Angle Grinder	900
Drill (1/4"-1/2")	500-960
Disc Sander	1200
Jig Saw	300-700
Band Saw	700-1200
Table Saw	1800
Circular Saw	1400-1800
Chop / Cut Off Saw	1500-1800
Shop Vac 6.5 hp	1440
* Electric Chain Saw 14"	1200
* Airless Sprayer 1/2 hp	750
* Air Compressor 1 hp	2000

Pumps and Air Conditioners	Estimated Watts
* Well Pump 1/3 hp	750 (Running) 1400-3000 (Starting)
* Well Pump 1/2 hp	1000 (Running) 2100-4000 (Starting)
* Sump Pump 1/3 hp	800 (Running) 1300-2900 (Starting)
* Sump Pump 1/2 hp	1050 (Running) 2150-4100 (Starting)
* Air Conditioner (7000 BTU to 10,000 BTU)	1000-1500 (Running) 2200-5000 (Starting)

[Click here for connections and pricing.](#)

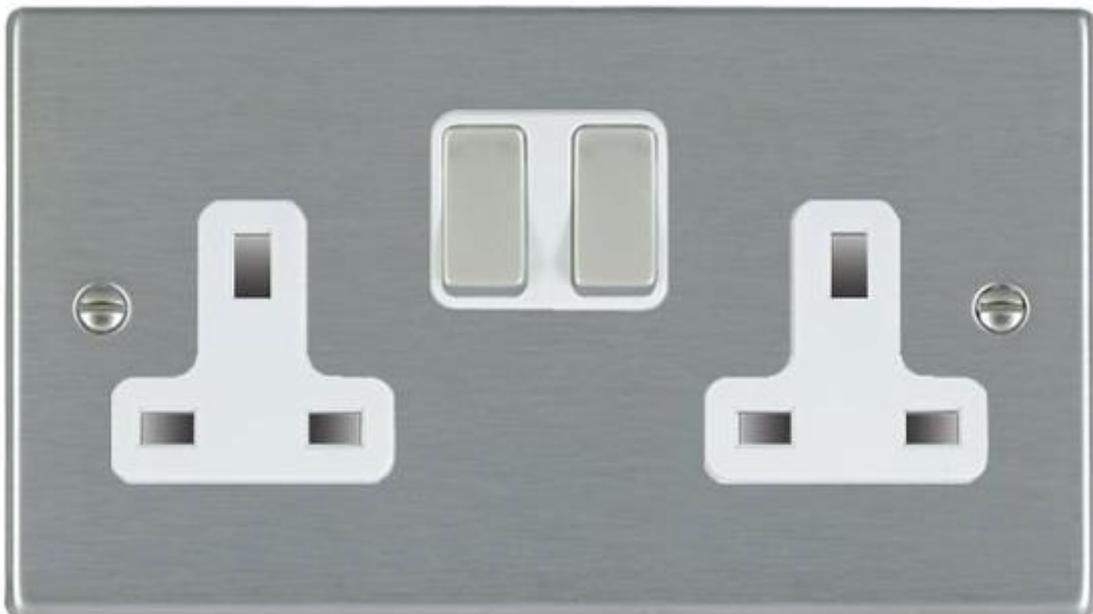


2016 Power connections and pricing

Single 13 amp | £125 | Maximum of 3kw / 3,000w



Twin 13 amp | £150 | Maximum of 6kw / 6,000w



Ceeform 16 amp | £175 | Maximum of 4kw / 4,000w



Ceeform 32 amp | £200 | Maximum of 8kw / 8,000w



[Click here to see how many watts do you need](#)

Terms and Conditions

We are committed to reducing energy consumption across site. To help successfully manage our sustainability targets for 2016 and beyond, all Exhibitors and Traders will not be permitted to bring their own generators onsite. Use of your own renewable power, such as solar or wind, is encouraged.

All connections to electrical supplies can only be made by the official contractor and must have been ordered and paid for in advance with the Organisers. Power bookings made after Friday 13 May 2016 will be subject to a 25% surcharge.

No power will be available to Exhibitors and Traders on site unless you have already pre-ordered this with the Organisers and received a confirmation on your order. Please note that additional power sockets and extension cords are not included in your power order. Requested connections will only be distributed to your pitch.

Exhibitors/Contractors who bring portable electrical appliances on site should ensure that they have been PAT tested (Portable Appliance Tested) and bear a recent PAT test pass certificate. Stand mains supply will normally be switched on no later than 6pm on Friday 15 July. All power will be ceased at 8pm on Sunday 17 July upon show close.

- Under no circumstances must generators be brought on to site by Exhibitors and Traders.
- All cables, conductors, plugs and sockets must be of the correct type, compatibility, size, current carrying capacity, and fulfil the legislative short circuit requirements. They must also be properly insulated for the purpose for which they are intended. Any extension cables used must be as short as possible and conform to BS EN 60309-2.
- Electrical cables must not be laid along the ground without the prior permission of the Organisers. Cabling that is given permission to be surface laid must be covered to stop it from becoming a trip hazard. The covering shall also be suitable for the ground on which it is laid. All electrical cabling must be removed on completion of the event.

[Click here for full 2016 Trader and Exhibitor Terms and Conditions.](#)