

ELECTRICAL ITEMS WITH 10AMP PLUG

10 amp items and plugs are the most common type and are the same as those found in homes and offices.

They can either be a double insulated device with two pins (Figure A) or a single insulated device with an earth pin (Figure B)

Figure A



Figure B



ELECTRICAL ITEMS WITH 15AMP PLUG

15 amp plugs have a larger earth pin as shown below. The top two active and neutral pins are the same size as a 10 amp plug

15 Amp plug



15 Amp plug

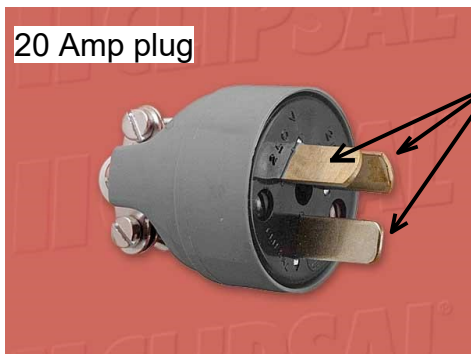


Larger earth pin

ELECTRICAL ITEMS WITH 20 AMP PLUG

20 amp plugs have a larger earth active and neutral pin as shown below

20 Amp plug



Each pin is larger



20 Amp plug with collar

HOW TO WORK OUT THE WATTS (W) OF AN ITEM WITH A 10AMP PLUG

For items that have either type of 10 Amp plug you should also provide the watts (W) if possible.

This information is often provided on the back, side or underside of the item. For example below is a Panasonic Blu-Ray player (Figure A). On the back of the player is an information panel (Figure B)

Figure A



Figure B



The watts are shown on the panel as W – so in this case the item uses 32W.

If the item does not have an information panel or does not clearly show watts, you should simply write “Not known”.

EXAMPLE POWER SPECIFICATION FOR FOOD STALL

Using the example of a food stall that will have a coffee machine, a grinder, a blu-ray player, a television screen, two cash registers, a gas barbeque and 2 types of generator, how would the form look when completed?

Stall equipment and quantity	Electric					Gas
	Plug type: Amps (A)	Power output: Watts (W)	lead/ cable rating: Amps (A)	lead/cable length: metres (m)	generator rating: kilovolts (kV)	Bottle size (Kg)
Coffee Machine x 1	20A	4800 Watts	20A	10m		
Grinder x 1	10A	400 Watts	10A	10m		
Blu Ray player x 1	10A	32 Watts	10A	15m		
Television Screen x 1	10A	450 Watts	10A	15m		
Cash Register x 2	10A	Not known	10A	10m		
Barbeque x 1						4.5kg
Cromtech generator x 1					2.4kw	
Honda EU22i generator x 1					2kva	

Simple description of items and quantity

What type of plug does the item have?

Information on watts (W) not shown on the Cash Register so is 'not known'