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*World Plug Types*

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# Plug Type A



- Ungrounded plug with two flat pins
- Both type A and B plugs pins feature a hole at the tip with a ‘bump’ on the socket to ensure the plug is secure
- Newer sockets feature spring-action blades which grip the pins, making the holes obsolete
- The neutral pin on an American type A is wider than the live pin, though the Japanese pins are identical – allowing Japanese plugs to be used in American sockets

	120V	60Hz		240V	60Hz		230V	50Hz		
	110V	60Hz		110V	60Hz		110V	60Hz		
	230V	60Hz		110V	60Hz		220V	50Hz		
	127V	60Hz		110V	50Hz		115V	60Hz		
	120V	60Hz		100V	50Hz, 60Hz		120V	60Hz		
	115V	50Hz		220V	50Hz, 110V		120V	60Hz		
	110V	220V	60Hz		230V	50Hz		127V	220V	50Hz
	120V	60Hz		220V	50Hz		120V	60Hz		
	115V	230V	50Hz		120V	50Hz, 220V	60Hz		220V	50Hz
	110V	60Hz		240V	50Hz		230V	50Hz		
	230V	50Hz		120V	60Hz		127V	60Hz		
	120V	60Hz		220V	50Hz		120V	60Hz		
	120V	60Hz		120V	60Hz		230V	60Hz		
	220V	50Hz		110V	60Hz		120V	60Hz		
	120V	60Hz		220V	60Hz		110V	60Hz		
	115V	60Hz		220V	60Hz		110V	60Hz		
	110V	60Hz		120V	60Hz		110V	60Hz		
	120V	60Hz		230V	60Hz		230V	50Hz		
							110V	60Hz		

The above table illustrates territories using the type A plug, the standard input voltage and frequency.

## Plug Type B



- Two flat parallel pins
- Longer round grounding (earth) pin to ensure grounding is achieved before the plug is connected
- Rated 15 Amps

	120V	60Hz		110V	60Hz		120V	60Hz
	230V	60Hz		120V	60Hz		220V	50Hz
	127V	60Hz		240V	60Hz		120V	60Hz
	120V	60Hz		110V	60Hz		110V	60Hz
	115V	50Hz		110V	60Hz		220V	60Hz
	110V 220V	60Hz		110V	50Hz		220V	60Hz
	120V	60Hz		100V	50Hz, 60Hz		120V	60Hz
	110V	60Hz		230V	50Hz		230V	60Hz
	120V	60Hz		230V	50Hz		110V	60Hz
	110V	60Hz		220V	50Hz		220V	50Hz
	120V	60Hz		120V 220V	50Hz, 60Hz		115V	60Hz
	110V	60Hz		127V	60Hz		220V	50Hz
	110V	60Hz		120V	60Hz		120V	60Hz
	120V	60Hz		230V	60Hz		120V	60Hz
	120V	60Hz		127V 220V	50Hz		110V	60Hz
	115V	60Hz		120V	60Hz			

The above table illustrates territories using the type B plug, the standard input voltage and frequency.

# Plug Type C



- Two wire plug with two round pins
- Works with any socket accepting 4- 4.8 mm round contacts
- Usually used in appliances requiring 2.5 A or less
- Sockets are being updated to type E, F, J, K or N which work seamlessly with type C plugs

	220V	60Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		220V	50Hz
	220V	50Hz		220V	50Hz		220V	50Hz
	220V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		240V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	115V 230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	127V 220V	60Hz		220V	50Hz		220V 110V	50Hz
	230V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz		240V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
















The above table illustrates territories using the type C plug, the standard input voltage and frequency



	230V	50Hz		220V	50Hz		220V	60Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	220V 110V	50Hz, 60Hz		220V	50Hz		230V	50Hz
	220V	60Hz		230V	50Hz		220V	50Hz
	240V	50Hz		220V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		120V 220V	60Hz
	230V	50Hz		127V 220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	120V 220V	50Hz, 60Hz		230V	50Hz		220V	50Hz
	127V 230V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		127V 220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	127V 220V	50Hz		230V	50Hz		220V	50Hz
	240V	50Hz		240V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz		230V	50Hz
	220V	60Hz		220V	60Hz		127V	60Hz
	220V	50Hz		220V	60Hz		230V	50Hz

The above table illustrates territories using the type C plug, the standard input voltage and frequency



	230V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		220V	50Hz		220V	50Hz
	220V	50Hz		220V	50Hz		220V	50Hz
	220V	50Hz		220V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz			
	220V	50Hz		230V	50Hz			

The above table illustrates territories using the type C plug, the standard input voltage and frequency

## Plug Type D

- Three large round pins in a triangular arrangement
- Usually used for larger appliances
- Used alongside of type M plugs
- Rated 5 A



	220V 50Hz		230V 50Hz		230V 50Hz
	230V 50Hz		220V 50Hz		240V 50Hz
	230V 50Hz		127V 230V 50Hz		230V 60Hz
	220V 50Hz		220V 50Hz		230V 50Hz
	220V 50Hz		127V 220V 50Hz		230V 50Hz
	230V 50Hz		127V 220V 50Hz		230V 50Hz
	220V 50Hz		230V 50Hz		230V 50Hz
	230V 50Hz		220V 50Hz		230V 50Hz
	230V 50Hz		230V 50Hz		230V 50Hz
	240V 60Hz		230V 50Hz		220V 50Hz
	220V 50Hz		220V 50Hz		230V 50Hz
	230V 50Hz		230V 50Hz		230V 50Hz
	230V 50Hz		220V 50Hz		230V 50Hz
			230V 50Hz		220V 50Hz

The above table illustrates territories using the type D plug, the standard input voltage and frequency



# Plug Type E



- 2 x 4.8 mm round pins, 19 mm apart with a hole for the sockets male grounding (earth) pin
- Rated 16 A

	230V	50Hz		220V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz		220V	50Hz
	220V	50Hz		220V	50Hz		127V 220V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		120V 220V	50Hz, 60Hz		220V	50Hz
	230V	50Hz		127V 220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz

The above table illustrates territories using the type E plug, the standard input voltage and frequency

## Plug Type F



- 2 x 4.8 mm round pins 19 mm apart
- Two earth clips on the side of the unit
- Rated 16 A

	220V	60Hz		220V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		120V	50Hz, 220V
	120V	60Hz		220V	50Hz		120V	50Hz, 220V
	230V	50Hz		230V	50Hz		127V	50Hz
	127V	60Hz		230V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz, 110V		220V	50Hz, 60Hz
	230V	50Hz		220V	50Hz		220V	60Hz
	220V	50Hz		220V	50Hz		220V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz

The above table illustrates territories using the type F plug, the standard input voltage and frequency



	230V	50Hz		230V	50Hz		220V	50Hz
	230V	50Hz		230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	120V 220V	60Hz		127V	60Hz		220V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
	220V	50Hz		220V	50Hz		220V	50Hz
				220V	50Hz			

The above table illustrates territories using the type F plug, the standard input voltage and frequency

## Plug Type G



- Three rectangular blades in a triangular arrangement
- Incorporated fuse
- Fuses are rated between 3 A and 13 A dependant on the appliance
- Sockets feature shutters to prevent foreign objects being introduced to the live and neutral contacts

	230V	50Hz		230V	50Hz		230V	60Hz
	220V	50Hz		240V	50Hz		240V	50Hz
	110V 220V	60Hz		230V	50Hz		230V	50Hz
	230V	50Hz		240V	50Hz		220V 230V	60Hz
	230V	50Hz		240V	50Hz		240V	50Hz
	240V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	240V	50Hz		230V	50Hz		220V	50Hz
	230V	50Hz		240V	50Hz		230V	50Hz
	240V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		240V	50Hz
	230V	50Hz		230V	50Hz		220V	50Hz
	240V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		220V	50Hz
	240V	60Hz		230V	50Hz		230V	50Hz
	220V	50Hz		240V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz
				240V	50Hz		220V	50Hz

The above table illustrates territories using the type G plug, the standard input voltage and frequency

## Plug Type H



- Unique to Israel
- Three flat pins in a triangular arrangement
- Rated 16 A
- Being phased out in favour of round pins























230V 50Hz

The above table illustrates territories using the type D plug, the standard input voltage and frequency

## Plug Type I



- Has two or three flat pins in a 'V' or triangular arrangement
- Australian plug is compatible with sockets in China
- Rated 10 or 15 A

	120V	60Hz		240V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	230V	50Hz		240V	50Hz		240V	50Hz
	220V	50Hz		230V	50Hz		220V	50Hz
	240V	50Hz		230V	50Hz		230V	50Hz
	240V	50Hz		220V	50Hz		220V	50Hz
	240V	50Hz					220V	50Hz

The above table illustrates territories using the type I plug, the standard input voltage and frequency

## Plug Type J



- Three round pins in a triangular arrangement
- Compatible with type C sockets
- Rated 10 A










	230V	50Hz		127V 220V	50Hz		230V	50Hz
	230V	50Hz		230V	50Hz		230V	50Hz

The above table illustrates territories using the type J plug, the standard input voltage and frequency

## Plug Type K



- Two round pins with a semi-circular grounding (earth) pin
- Compatible with type F sockets

	220V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		127V 220V	50Hz		230V	50Hz

The above table illustrates territories using the type D plug, the standard input voltage and frequency












# Plug Type L



Two variations:

- 10 A has 2 x 4 mm round pins with the grounding (earth) pin in the middle
- 16 A has 2 x 5 mm round pin with the grounding pin
- Used in a universal socket that accepts C, E, F and L sockets
















	220V	50Hz		230V	50Hz		230V	50Hz
	230V	50Hz		127V 230V	50Hz		220V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz

The above table illustrates territories using the type L plug, the standard input voltage and frequency

## Plug Type M



- Three round pins in a triangular arrangement
- Used for large appliances alongside type D and H plugs

	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		240V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	230V	50Hz		220V	50Hz		230V	50Hz
	220V	50Hz		230V	50Hz		230V	50Hz

The above table illustrates territories using the type M plug, the standard input voltage and frequency

# Plug Type N



Two variations:

- 10 A features a grounding (earth) pin with two 4 mm pins
- 20 A features a grounding pin with two 4.8 mm pins
- The current indicates the type of appliance each is suitable for
- Type N sockets are also compatible with type C plugs



127V  
220V 60Hz



230V 50Hz

The above table illustrates territories using the type N plug, the standard input voltage and frequency

## Plug Type by Country

Afghanistan	... C & F	Belgium	... C & E	Central African Republic	... C & E
Albania	... C & F	Belize	... A, B & G	Chad	... C, D, E & F
Algeria	... C & F	Benin	... C & E	Chile	... C & L
American Samoa	... A, B, F & I	Bermuda	... A & B	China	... A, C & I
Andorra	... C & F	Bhutan	... C, D, F, G & M	Colombia	... A & B
Angola	... C	Bolivia	... A & C	Comoros	... C & E
Anguilla	... A	Bosnia and Herzegovina	... C & F	Congo	... C & E
Antigua and Barbuda	... A & B	Botswana	... D, G & M	Congo (Democratic Rep)	... C, D & E
Argentina	... C & I	Brazil	... C & N	Cook Islands	... I
Armenia	... C & F	British Virgin Islands	... A & B	Costa Rica	... A & B
Aruba	... A, B & F	Brunei Darussalam	... G	Cote d'Ivoire	... C & E
Australia	... I	Bulgaria	... C & F	Croatia	... C & F
Austria	... C & F	Burkina Faso	... C & E	Cuba	... A & B
Azerbaijan	... C & F	Burundi	... C & E	Cyprus	... G
Bahamas	... A & B	Cambodia	... A, C & E	Czech Republic	... C & E
Bahrain	... G	Cameroon	... C & E	Denmark	... C, F, E & K
Bangladesh	... C, D, G & K	Canada	... A & B	Djibouti	... C & F
Barbados	... A & B	Cape Verde	... C & F	Dominica	... D & G
Belarus	... C & F	Cayman Islands	... A & B	Dominican Republic	... A & B

<b>Ecuador</b>	... A & B	<b>Greece</b>	... C & F	<b>Italy</b>	... C, F & L
<b>Egypt</b>	... C & F	<b>Greenland</b>	... C, F, E & K	<b>Jamaica</b>	... A & B
<b>El Salvador</b>	... A & B	<b>Granada</b>	... G	<b>Japan</b>	... A & B
<b>Equatorial Guinea</b>	... C & E	<b>Guadeloupe</b>	... C, D & E	<b>Jordan</b>	... B, C D, F, G & J
<b>Eritrea</b>	... C & L	<b>Guam</b>	... A & B	<b>Kazakhstan</b>	... C & F
<b>Estonia</b>	... C & F	<b>Guatemala</b>	... C, F & K	<b>Kenya</b>	... G
<b>Ethiopia</b>	... C, E, F & L	<b>Guinea</b>	... C, F & K	<b>Kiribati</b>	... I
<b>Falkland Islands (Malvinas)</b>	... G	<b>Guyana</b>	... A, B, D & G	<b>Korea, Democratic People's Republic</b>	... A, C & F
<b>Faroe Islands</b>	... C, F, E & K	<b>Haiti</b>	... A & B	<b>Korea, Republic of</b>	... C & F
		<b>Honduras</b>	... A & B		
<b>Fiji</b>	... I	<b>Hong Kong</b>	... D & G	<b>Kuwait</b>	... C & G
<b>Finland</b>	... C & F	<b>Hungary</b>	... C & F	<b>Kyrgyzstan</b>	... C & F
<b>France</b>	... C & E	<b>Iceland</b>	... C & F	<b>Lao People's Democratic Republic</b>	... A, B, C, E & F
<b>French Guiana</b>	... C, D & E	<b>India</b>	... C, D & M	<b>Latvia</b>	... C & F
<b>Gabon</b>	... C	<b>Indonesia</b>	... C & F	<b>Lebanon</b>	... A, B, C, D & G
<b>Gambia</b>	... G	<b>Iran</b>	... C & F	<b>Lesotho</b>	... M
<b>Georgia</b>	... C & F	<b>Iraq</b>	... C, D & G	<b>Liberia</b>	... A, B, C, E & F
<b>Germany</b>	... C & F	<b>Ireland</b>	... G	<b>Libya</b>	... C, D, F & L
<b>Ghana</b>	... D & G	<b>Isle of Man</b>	... C & G	<b>Liechtenstein</b>	... C & J
<b>Gibraltar</b>	... C & G	<b>Israel</b>	... C, H & M	<b>Lithuania</b>	... C & F

Luxembourg	... C & F	Morocco	... C & E	Paraguay	... C
Macau	... D, M, G & F	Mozambique	... C, F & M	Peru	...A, B & C
Macedonia	... C & F	Myanmar	... C, D, F & G	Philippines, Rep. of the	... A, B & C
Madagascar	... C, D, E, J & K	Namibia	... D & M	Poland	... C & E
Malawi	... G	Nauru	... I	Portugal	... C & F
Malaysia	... A, C, G & M	Nepal	... C, D & M	Puerto Rico	... A & B
Maldives	... A, C, D, G, J, K & L	Netherlands	... C & F	Qatar	... D & G
Mali	... C & E	Netherlands Antilles	... A, B, C & F	Reunion	... E
Malta	... G	New Caledonia	... C & F	Romania	... C & F
Martinique	... C, D & E	New Zealand	... I	Russia	... C & F
Mauritania	... C	Nicaragua	... A & B	Rwanda	... C & J
Mauritius	... C & G	Niger	... A, B, C, D, E & F	Saint Kitts and Nevis	... A, B, D & G
Mexico	... A & B	Nigeria	... D & G	Saint Lucia	... G
Micronesia, Federated States of	... A & B	Norway	... C & F	Saint Martin	... C & F
Moldova	... C & F	Oman	... C & G	Saint Vincent and the Grenadines	... A, C, E, G, I & K
Monaco	... C, D, E & F	Pakistan	... C, D, G & M	Samoa	... I
Mongolia	... C & E	Palau	... A & B	San Marino	... C, F & L
Montenegro	... C & F	Panama	... A & B	Sao Tome and Principe	... C & F
Montserrat	... A & B	Papua New Guinea	... I	Saudi Arabia	... G

Senegal	... C, D, E & K	Sweden	... C & F	Tuvalu	... I
Serbia	... C & F	Switzerland	... C & J	Uganda	... G
Seychelles	... G	Syrian Arab Republic	... C, E & L	Ukraine	... C & F
Sierra Leone	... D & G	Taiwan	... A & B	United Arab Emirates	... C, D & G
Singapore	... C, G & M	Tajikistan	... C, F & I	United Kingdom	... G
Slovakia	... C & E	Tanzania	... D & G	United States Virgin Islands	... A & B
Slovenia	... C & F	Thailand	... A, B, C & F	United States of America	... A & B
Solomon Islands	... I & G	Timor-Leste	... C, E, F & I	Uruguay	... C, F, I & L
Somalia	... C	Togo	... C	Uzbekistan	... C & I
South Africa	... C, D, M & N	Tonga	... I	Vanuatu	... C, G & I
Spain	... C & F	Trinidad and Tobago	... A & B	Venezuela	... A & B
Sri Lanka	... D, M & G	Tunisia	... C & E	Vietnam	... A, C & F
Sudan	... C & D	Turkey	... C & F	Yemen	... A, D & G
Suriname	... C & F	Turkmenistan	... B, C & F	Zambia	... C, D & G
Swaziland	... M	Turks and Caicos Islands	... A & B	Zimbabwe	... D & G

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