



Reference/Guidance Document for
Electric Switch, Socket and Plugs
of Pakistan

Seasoned travellers are well aware of the many different plugs and sockets in use around the world.

But which plug is used where?

First-time travellers to foreign countries may only find out when confronted with the problem of trying to plug their razor or hair-dryer into a socket with an unsuitable configuration, like pounding a square peg into a round hole.

With this problem in mind,

Pakistan Standards and Quality Control Authority (PSQCA) has adopted this document with some modifications in IEC Document "World Plugs and its Types", This document will be used in Pakistan as a guidance document for regulation of switch and sockets at import stage as well as for local manufacturing. i.e type "F" (Schuko type).


This design are as under:



TYPE “F” DESCRIPTION

PSQCA has adopted type F (Schuko) for Pakistan. The Type F electrical plug (also known as a Schuko plug) has two 4.8 mm round pins spaced 19 mm apart. Type F plugs are rated 16 Amp.

Locations using Plug

 Pakistan 230V50Hz,

Type



Plug Type A

Used in: North and Central America, Japan (see complete list of countries on bottom)

The Type A electrical plug (or flat blade attachment plug) is an ungrounded plug with two flat parallel pins. Although the American and Japanese plugs appear identical, the neutral pin on the American plug is wider than the live pin, whereas on the Japanese plug both pins are the same size. As a result, Japanese plugs can be used in the US but often not the other way around.

The pins on Type A and Type B plugs have a hole near the tip that fits into 'bumps' found on the contact wipers of some sockets, so that the pins are gripped more tightly allowing for better contact and also to prevent the plug from slipping out of the socket. Some sockets have spring-action blades that grip the sides of the pins, making the holes obsolete.



Locations using Plug Type A				
	American Samoa	120V	60Hz	A, B, F, I
	Anguilla	110V	60Hz	A
	Antigua and Barbuda	230V	60Hz	A, B
	Aruba	127V	60Hz	A, B, F
	Bahamas	120V	60Hz	A, B
	Barbados	115V	50Hz	A, B
	Belize	110V 220V	60Hz	A, B, G
	Bermuda	120V	60Hz	A, B
	Bolivia	115V 230V	50Hz	A, C
	British Virgin Islands	110V	60Hz	A, B
	Cambodia	230V	50Hz	A, C, G
	Canada	120V	60Hz	A, B
	Cayman Islands	120V	60Hz	A, B
	China	220V	50Hz	A, C, I
	Colombia	110V	60Hz	A, B
	Costa Rica	120V	60Hz	A, B
	Cuba	110V	60Hz	A, B
	Dominican Republic	110V	60Hz	A, B
	Ecuador	120V	60Hz	A, B
	El Salvador	115V	60Hz	A, B
	Guam	110V	60Hz	A, B
	Guatemala	120V	60Hz	A, B
	Guyana	240V	60Hz	A, B, D, G
	Haiti	110V	60Hz	A, B
	Honduras	110V	60Hz	A, B
	Jamaica	110V	50Hz	A, B
	Japan	100V	50Hz, 60Hz	A, B
	Korea, Democratic People's Republic of	220V 110V	50Hz, 60Hz	A, C, F

	Lao People's Democratic Republic	230V	50Hz	A, B, C, E, F
	Lebanon	220V	50Hz	A, B, C, D, G
	Liberia	120V 220V	50Hz, 60Hz	A, B, C, E, F
	Malaysia	240V	50Hz	A, C, G, M
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	Mexico	127V	60Hz	A, B
	Micronesia, Federated States of	120V	60Hz	A, B
	Montserrat	230V	60Hz	A, B
	Netherlands Antilles	127V 220V	50Hz	A, B, C, F
	Nicaragua	120V	60Hz	A, B
	Niger	220V	50Hz	A, B, C, D, E, F
	Palau	120V	60Hz	A, B
	Panama	110V	60Hz	A, B
	Peru	220V	60Hz	A, B, C
	Philippines, Rep. of the	220V	60Hz	A, B, C
	Puerto Rico	120V	60Hz	A, B
	Saint Kitts and Nevis	230V	60Hz	A, B, D, G
	Saint Vincent and the Grenadines	230V	50Hz	A, C, E, G, I, K
	Taiwan	110V	60Hz	A, B
	Thailand	220V	50Hz	A, B, C, F
	Trinidad and Tobago	115V	60Hz	A, B
	Turks and Caicos Islands	120V	60Hz	A, B
	United States of America	120V	60Hz	A, B
	United States Virgin Islands	110V	60Hz	A, B
	Venezuela	120V	60Hz	A, B
	Vietnam	220V	50Hz	A, C, F
	Yemen	230V	50Hz	A, D, G

Plug Type B

Used in: North and Central America, Japan (see complete list of countries on bottom)

The Type B electrical plug has two flat parallel pins and a round grounding (or earth) pin. The earth pin is longer than the other two so that the device is grounded before the power is connected. As with the type A plugs, the American and Japanese versions vary slightly.

Type B plugs are rated at 15 amps.



Locations using Plug Type B

	American Samoa	120V	60Hz	A, B, F, I
	Antigua and Barbuda	230V	60Hz	A, B
	Aruba	127V	60Hz	A, B, F
	Bahamas	120V	60Hz	A, B
	Barbados	115V	50Hz	A, B
	Belize	110V 220V	60Hz	A, B, G
	Bermuda	120V	60Hz	A, B
	British Virgin Islands	110V	60Hz	A, B
	Canada	120V	60Hz	A, B
	Cayman Islands	120V	60Hz	A, B
	Colombia	110V	60Hz	A, B
	Costa Rica	120V	60Hz	A, B
	Cuba	110V	60Hz	A, B
	Dominican Republic	110V	60Hz	A, B
	Ecuador	120V	60Hz	A, B
	El Salvador	115V	60Hz	A, B
	Guam	110V	60Hz	A, B
	Guatemala	120V	60Hz	A, B
	Guyana	240V	60Hz	A, B, D, G
	Haiti	110V	60Hz	A, B
	Honduras	110V	60Hz	A, B
	Jamaica	110V	50Hz	A, B
	Japan	100V	50Hz, 60Hz	A, B
	Jordan	230V	50Hz	B, C, D, F, G, J
	Lao People's Democratic Republic	230V	50Hz	A, B, C, E, F
	Lebanon	220V	50Hz	A, B, C, D, G

	Liberia	120V 220V	50Hz, 60Hz	A, B, C, E, F
	Mexico	127V	60Hz	A, B
	Micronesia, Federated States of	120V	60Hz	A, B
	Montserrat	230V	60Hz	A, B
	Netherlands Antilles	127V 220V	50Hz	A, B, C, F
	Nicaragua	120V	60Hz	A, B
	Niger	220V	50Hz	A, B, C, D, E, F
	Palau	120V	60Hz	A, B
	Panama	110V	60Hz	A, B
	Peru	220V	60Hz	A, B, C
	Philippines, Rep. of the	220V	60Hz	A, B, C
	Puerto Rico	120V	60Hz	A, B
	Saint Kitts and Nevis	230V	60Hz	A, B, D, G
	Taiwan	110V	60Hz	A, B
	Thailand	220V	50Hz	A, B, C, F
	Trinidad and Tobago	115V	60Hz	A, B
	Turkmenistan	220V	50Hz	B, C, F
	Turks and Caicos Islands	120V	60Hz	A, B
	United States of America	120V	60Hz	A, B
	United States Virgin Islands	110V	60Hz	A, B
	Venezuela	120V	60Hz	A, B

Plug Type C

Used in: Europe, with the exception of the UK, Ireland, Cyprus and Malta (see complete list of countries on bottom)

The Type C electrical plug (or Europlug) is a two-wire plug that has two round pins. It fits into any socket that accepts 4.0 – 4.8 mm round contacts on 19 mm centres. They are being replaced by E, F, J, K or N sockets which work perfectly with Type C plugs.

Type C plugs are generally limited for use in appliances that require 2.5 amps or less.



Locations using Plug Type C

 Afghanistan	220V	50Hz	C, F
 Albania	230V	50Hz	C, F
 Algeria	230V	50Hz	C, F
 Andorra	230V	50Hz	C, F
 Angola	220V	50Hz	C
 Argentina	220V	50Hz	C, I
 Armenia	230V	50Hz	C, F
 Austria	230V	50Hz	C, F
 Azerbaijan	220V	50Hz	C, F
 Bangladesh	220V	50Hz	C, D, G, K
 Belarus	220V	50Hz	C, F
 Belgium	230V	50Hz	C, E
 Benin	220V	50Hz	C, E
 Bhutan	230V	50Hz	C, D, F, G, M
 Bolivia	115V 230V	50Hz	A, C
 Bosnia and Herzegovina	230V	50Hz	C, F
 Brazil	127V 220V	60Hz	C, N
 Bulgaria	230V	50Hz	C, F
 Burkina Faso	220V	50Hz	C, E
 Burundi	220V	50Hz	C, E
 Cambodia	230V	50Hz	A, C, G
 Cameroon	220V	50Hz	C, E
 Cape Verde	220V	50Hz	C, F
 Central African Republic	220V	50Hz	C, E
 Chad	220V	50Hz	C, D, E, F
 Chile	220V	50Hz	C, L
 China	220V	50Hz	A, C, I
 Comoros	220V	50Hz	C, E
 Congo	230V	50Hz	C, E

 Congo (Democratic Rep. of)	220V	50Hz	C, D, E
 Cote d'Ivoire	230V	50Hz	C, E
 Croatia	230V	50Hz	C, F
 Czech Republic	230V	50Hz	C, E
 Denmark	230V	50Hz	C, F, E, K
 Djibouti	220V	50Hz	C, E
 Egypt	220V	50Hz	C, F
 Equatorial Guinea	220V	50Hz	C, E
 Eritrea	230V	50Hz	C, L
 Estonia	230V	50Hz	C, F
 Ethiopia	220V	50Hz	C, E, F, L
 Faroe Islands	230V	50Hz	C, F, E, K
 Finland	230V	50Hz	C, F
 France	230V	50Hz	C, E
 French Guiana	220V	50Hz	C, D, E
 Gabon	220V	50Hz	C
 Georgia	220V	50Hz	C, F
 Germany	230V	50Hz	C, F
 Gibraltar	240V	50Hz	C, G
 Greece	230V	50Hz	C, F
 Greenland	230V	50Hz	C, F, E, K
 Guadeloupe	230V	50Hz	C, D, E
 Guinea	220V	50Hz	C, F, K
 Guinea Bissau	220V	50Hz	C
 Hungary	230V	50Hz	C, F
 Iceland	230V	50Hz	C, F
 India	230V	50Hz	C, D, M
 Indonesia	220V 110V	50Hz	C, F

	Iran	220V	50Hz	C, F
	Iraq	230V	50Hz	C, D, G
	Isle of Man	240V	50Hz	C, G
	Israel	230V	50Hz	C, H, M
	Italy	230V	50Hz	C, F, L
	Jordan	230V	50Hz	B, C, D, F, G, J
	Kazakhstan	220V	50Hz	C, F
	Korea, Democratic People's Republic of	220V 110V	50Hz, 60Hz	A, C, F
	Korea, Republic of	220V	60Hz	C, F
	Kuwait	240V	50Hz	C, G, M
	Kyrgyzstan	220V	50Hz	C, F
	Lao People's Democratic Republic	230V	50Hz	A, B, C, E, F
	Latvia	230V	50Hz	C, F
	Lebanon	220V	50Hz	A, B, C, D, G
	Liberia	120V 220V	50Hz, 60Hz	A, B, C, E, F
	Libya	127V 230V	50Hz	C, D, F, L
	Liechtenstein	230V	50Hz	C, J
	Lithuania	220V	50Hz	C, F
	Luxembourg	230V	50Hz	C, F
	Macedonia	230V	50Hz	C, F
	Madagascar	127V 220V	50Hz	C, D, E, J, K
	Malaysia	240V	50Hz	A, C, G, M
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	Mali	220V	50Hz	C, E
	Martinique	220V	50Hz	C, D, E
	Mauritania	220V	50Hz	C
	Mauritius	230V	50Hz	C, G
	Moldova	220V	50Hz	C, F

	Monaco	230V	50Hz	C, D, E, F
	Mongolia	220V	50Hz	C, E
	Montenegro	230V	50Hz	C, F
	Morocco	127V 220V	50Hz	C, E
	Mozambique	220V	50Hz	C, F, M
	Myanmar	230V	50Hz	C, D, F, G
	Nepal	230V	50Hz	C, D, M
	Netherlands	230V	50Hz	C, F
	Netherlands Antilles	127V 220V	50Hz	A, B, C, F
	New Caledonia	220V	50Hz	C, F
	Niger	220V	50Hz	A, B, C, D, E, F
	Norway	230V	50Hz	C, F
	Oman	240V	50Hz	C, G

	Paraguay	220V	50Hz	C
	Peru	220V	60Hz	A, B, C
	Philippines, Rep. of the	220V	60Hz	A, B, C
	Poland	230V	50Hz	C, E
	Portugal	230V	50Hz	C, F
	Romania	230V	50Hz	C, F
	Russia	220V	50Hz	C, F
	Rwanda	230V	50Hz	C, J
	Saint Martin	120V 220V	60Hz	C, F
	Saint Vincent and the Grenadines	230V	50Hz	A, C, E, G, I, K
	San Marino	230V	50Hz	C, F, L
	Sao Tome and Principe	220V	50Hz	C, F
	Senegal	230V	50Hz	C, D, E, K
	Serbia	230V	50Hz	C, F
	Singapore	230V	50Hz	C, G, M

	Slovakia	230V	50Hz	C, E
	Slovenia	230V	50Hz	C, F
	Somalia	220V	50Hz	C
	South Africa	230V	50Hz	C, D, M, N
	Spain	230V	50Hz	C, F
	Sudan	230V	50Hz	C, D
	Suriname	127V	60Hz	C, F
	Sweden	230V	50Hz	C, F
	Switzerland	230V	50Hz	C, J
	Syrian Arab Republic	220V	50Hz	C, E, L
	Tajikistan	220V	50Hz	C, F, I
	Thailand	220V	50Hz	A, B, C, F
	Timor-Leste	220V	50Hz	C, E, F, I
	Togo	220V	50Hz	C
	Tunisia	230V	50Hz	C, E
	Turkey	220V	50Hz	C, F
	Turkmenistan	220V	50Hz	B, C, F
	Ukraine	220V	50Hz	C, F
	Uruguay	230V	50Hz	C, F, I, L
	Uzbekistan	220V	50Hz	C, I
	Vanuatu	220V	50Hz	C, G, I
	Vietnam	220V	50Hz	A, C, F
	Zambia	230V	50Hz	C, D, G






Plug Type D

Used in: India, Sri Lanka, Nepal, Namibia (see complete list of countries on bottom)

The Type D electrical plug has three large round pins in a triangular pattern. Type M plugs are often used alongside Type D plugs for larger appliances and as a result, some sockets work with both Type D and Type M plugs.

Type D plugs are rated 5 amps.



Locations using Plug Type D				
	Bangladesh	220V	50Hz	C, D, G, K
	Bhutan	230V	50Hz	C, D, F, G, M
	Botswana	230V	50Hz	D, G, M
	Chad	220V	50Hz	C, D, E, F
	Congo (Democratic Rep. of)	220V	50Hz	C, D, E
	Dominica	230V	50Hz	D, G
	French Guiana	220V	50Hz	C, D, E
	Ghana	230V	50Hz	D, G
	Guadeloupe	230V	50Hz	C, D, E
	Guyana	240V	60Hz	A, B, D, G
	Hong Kong	220V	50Hz	G, D
	India	230V	50Hz	C, D, M
	Iraq	230V	50Hz	C, D, G
	Jordan	230V	50Hz	B, C, D, F, G, J
	Lebanon	220V	50Hz	A, B, C, D, G
	Libya	127V 230V	50Hz	C, D, F, L
	Macau	220V	50Hz	D, M, G, F
	Madagascar	127V 220V	50Hz	C, D, E, J, K
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	Martinique	220V	50Hz	C, D, E
	Monaco	230V	50Hz	C, D, E, F
	Myanmar	230V	50Hz	C, D, F, G
	Namibia	220V	50Hz	D, M
	Nepal	230V	50Hz	C, D, M
	Niger	220V	50Hz	A, B, C, D, E, F
	Nigeria	230V	50Hz	D, G

	Qatar	240V	50Hz	D, G
	Saint Kitts and Nevis	230V	60Hz	A, B, D, G
	Senegal	230V	50Hz	C, D, E, K
	Sierra Leone	230V	50Hz	D, G
	South Africa	230V	50Hz	C, D, M, N
	Sri Lanka	230V	50Hz	D, M, G
	Sudan	230V	50Hz	C, D
	Tanzania	230V	50Hz	D, G
	United Arab Emirates	230V	50Hz	D, G
	Yemen	230V	50Hz	A, D, G
	Zambia	230V	50Hz	C, D, G
	Zimbabwe	220V	50Hz	D, G

Plug Type E

Used in: France, Belgium, Slovakia and Tunisia among others (see complete list of countries on bottom)

The Type E electrical plug has two 4.8 mm round pins spaced 19 mm apart and a hole for the socket's male earthing pin. The Type E plug has a rounded shape and the Type E socket has a round recess. Type E plugs are rated 16 amps.

Note: The CEE 7/7 plug was developed to work with Type E and Type F sockets with a female contact (to accept the earthing pin of the Type E socket) and has earthing clips on both sides (to work with Type F sockets).



Locations using Plug Type E				
	Belgium	230V	50Hz	C, E
	Benin	220V	50Hz	C, E
	Burkina Faso	220V	50Hz	C, E
	Burundi	220V	50Hz	C, E
	Cameroon	220V	50Hz	C, E
	Central African Republic	220V	50Hz	C, E
	Chad	220V	50Hz	C, D, E, F
	Comoros	220V	50Hz	C, E
	Congo	230V	50Hz	C, E
	Congo (Democratic Rep. of)	220V	50Hz	C, D, E
	Cote d'Ivoire	230V	50Hz	C, E
	Czech Republic	230V	50Hz	C, E
	Denmark	230V	50Hz	C, F, E, K
	Djibouti	220V	50Hz	C, E
	Equatorial Guinea	220V	50Hz	C, E
	Ethiopia	220V	50Hz	C, E, F, L
	Faroe Islands	230V	50Hz	C, F, E, K
	France	230V	50Hz	C, E
	French Guiana	220V	50Hz	C, D, E
	Greenland	230V	50Hz	C, F, E, K
	Guadeloupe	230V	50Hz	C, D, E

	Lao People's Democratic Republic	230V	50Hz	A, B, C, E, F
	Liberia	120V 220V	50Hz, 60Hz	A, B, C, E, F
	Madagascar	127V 220V	50Hz	C, D, E, J, K
	Mali	220V	50Hz	C, E
	Martinique	220V	50Hz	C, D, E
	Monaco	230V	50Hz	C, D, E, F
	Mongolia	220V	50Hz	C, E
	Morocco	127V 220V	50Hz	C, E
	Niger	220V	50Hz	A, B, C, D, E, F
	Poland	230V	50Hz	C, E
	Reunion	220V	50Hz	E
	Saint Vincent and the Grenadines	230V	50Hz	A, C, E, G, I, K
	Senegal	230V	50Hz	C, D, E, K
	Slovakia	230V	50Hz	C, E
	Syrian Arab Republic	220V	50Hz	C, E, L
	Timor-Leste	220V	50Hz	C, E, F, I
	Tunisia	230V	50Hz	C, E

Plug Type F

Used in: Pakistan, Germany, Austria, the Netherlands and Spain among others (see complete list of countries on bottom)

The Type F electrical plug (also known as a Schuko plug) has two 4.8 mm round pins spaced 19 mm apart. It is similar to the Type E plug but has two earth clips on the side rather than a female earth contact. The CEE 7/7 plug was developed to work with sockets E and F and has grounding clips on both sides (to work with Type F sockets) and a female contact (to accept the grounding pin of the type E socket).


Type F plugs are rated 16 amps.



Locations using Plug Type F

	Afghanistan	220V	50Hz	C, F
	Albania	230V	50Hz	C, F
	Algeria	230V	50Hz	C, F
	American Samoa	120V	60Hz	A, B, F, I
	Andorra	230V	50Hz	C, F
	Armenia	230V	50Hz	C, F
	Aruba	127V	60Hz	A, B, F
	Austria	230V	50Hz	C, F
	Azerbaijan	220V	50Hz	C, F
	Belarus	220V	50Hz	C, F
	Bhutan	230V	50Hz	C, D, F, G, M
	Bosnia and Herzegovina	230V	50Hz	C, F
	Bulgaria	230V	50Hz	C, F
	Cape Verde	220V	50Hz	C, F
	Chad	220V	50Hz	C, D, E, F
	Croatia	230V	50Hz	C, F
	Denmark	230V	50Hz	C, F, E, K
	Egypt	220V	50Hz	C, F
	Estonia	230V	50Hz	C, F
	Ethiopia	220V	50Hz	C, E, F, L
	Faroe Islands	230V	50Hz	C, F, E, K
	Finland	230V	50Hz	C, F
	Georgia	220V	50Hz	C, F
	Germany	230V	50Hz	C, F
	Greece	230V	50Hz	C, F
	Greenland	230V	50Hz	C, F, E, K
	Guinea	220V	50Hz	C, F, K

	Hungary	230V	50Hz	C, F
	Iceland	230V	50Hz	C, F
	Indonesia	220V 110V	50Hz	C, F
	Iran	220V	50Hz	C, F
	Italy	230V	50Hz	C, F, L
	Jordan	230V	50Hz	B, C, D, F, G, J
	Kazakhstan	220V	50Hz	C, F
	Korea, Democratic People's Republic of	220V 110V	50Hz, 60Hz	A, C, F
	Korea, Republic of	220V	60Hz	C, F
	Kyrgyzstan	220V	50Hz	C, F
	Lao People's Democratic Republic	230V	50Hz	A, B, C, E, F
	Latvia	230V	50Hz	C, F
	Liberia	120V 220V	50Hz, 60Hz	A, B, C, E, F
	Libya	127V 230V	50Hz	C, D, F, L
	Lithuania	220V	50Hz	C, F
	Luxembourg	230V	50Hz	C, F
	Macau	220V	50Hz	D, M, G, F
	Macedonia	230V	50Hz	C, F
	Moldova	220V	50Hz	C, F
	Monaco	230V	50Hz	C, D, E, F
	Montenegro	230V	50Hz	C, F
	Mozambique	220V	50Hz	C, F, M
	Myanmar	230V	50Hz	C, D, F, G
	Netherlands	230V	50Hz	C, F
	Netherlands Antilles	127V 220V	50Hz	A, B, C, F
	New Caledonia	220V	50Hz	C, F
	Niger	220V	50Hz	A, B, C, D, E, F
	Norway	230V	50Hz	C, F

	Pakistan	230V	50Hz	F
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	Portugal	230V	50Hz	C, F
	Romania	230V	50Hz	C, F
	Russia	220V	50Hz	C, F
	Saint Martin	120V 220V	60Hz	C, F
	San Marino	230V	50Hz	C, F, L
	Sao Tome and Principe	220V	50Hz	C, F
	Serbia	230V	50Hz	C, F
	Slovenia	230V	50Hz	C, F
	Spain	230V	50Hz	C, F
	Suriname	127V	60Hz	C, F
	Sweden	230V	50Hz	C, F
	Tajikistan	220V	50Hz	C, F, I
	Thailand	220V	50Hz	A, B, C, F
	Timor-Leste	220V	50Hz	C, E, F, I
	Turkey	220V	50Hz	C, F
	Turkmenistan	220V	50Hz	B, C, F
	Ukraine	220V	50Hz	C, F
	Uruguay	230V	50Hz	C, F, I, L
	Vietnam	220V	50Hz	A, C, F

Plug Type G

Used in: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong (see complete list of countries on bottom)

The Type G electrical plug has three rectangular blades in a triangular pattern and has an incorporated fuse (usually a 3 amps fuse for smaller appliances such as a computer and a 13 amps one for heavy duty appliances such as heaters). British sockets have shutters on the live and neutral contacts so that foreign objects can't be introduced into them.



Locations using Plug Type G

	Bahrain	230V	50Hz	G
	Bangladesh	220V	50Hz	C, D, G, K
	Belize	110V 220V	60Hz	A, B, G
	Bhutan	230V	50Hz	C, D, F, G, M
	Botswana	230V	50Hz	D, G, M
	Brunei Darussalam	240V	50Hz	G
	Cambodia	230V	50Hz	A, C, G
	Cyprus	240V	50Hz	G
	Dominica	230V	50Hz	D, G
	Falkland Islands (Malvinas)	240V	50Hz	G
	Gambia	230V	50Hz	G
	Ghana	230V	50Hz	D, G
	Gibraltar	240V	50Hz	C, G
	Grenada	230V	50Hz	G
	Guyana	240V	60Hz	A, B, D, G
	Hong Kong	220V	50Hz	G, D
	Iraq	230V	50Hz	C, D, G
	Ireland	230V	50Hz	G
	Isle of Man	240V	50Hz	C, G
	Jordan	230V	50Hz	B, C, D, F, G, J
	Kenya	240V	50Hz	G
	Kuwait	240V	50Hz	C, G, M
	Lebanon	220V	50Hz	A, B, C, D, G
	Macau	220V	50Hz	D, M, G, F
	Malawi	230V	50Hz	G
	Malaysia	240V	50Hz	A, C, G, M
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	Malta	230V	50Hz	G
	Mauritius	230V	50Hz	C, G

	Myanmar	230V	50Hz	C, D, F, G
	Nigeria	230V	50Hz	D, G
	Oman	240V	50Hz	C, G
	Qatar	240V	50Hz	D, G
	Saint Kitts and Nevis	230V	60Hz	A, B, D, G
	Saint Lucia	240V	50Hz	G
	Saint Vincent and the Grenadines	230V	50Hz	A, C, E, G, I, K
	Saudi Arabia	220V 230V	60Hz	G
	Seychelles	240V	50Hz	G
	Sierra Leone	230V	50Hz	D, G
	Singapore	230V	50Hz	C, G, M
	Solomon Islands	220V	50Hz	I, G
	Sri Lanka	230V	50Hz	D, M, G
	Tanzania	230V	50Hz	D, G
	Uganda	240V	50Hz	G
	United Arab Emirates	230V	50Hz	D, G
	United Kingdom	230V	50Hz	G
	Vanuatu	220V	50Hz	C, G, I
	Yemen	230V	50Hz	A, D, G
	Zambia	230V	50Hz	C, D, G
	Zimbabwe	220V	50Hz	D, G

Plug Type H

Used in: Israel

The Type H plug is unique to Israel and has two flat pins in a V-shape as well as a grounding pin. It is however currently being phased out in favour of a round-pinned version. The holes in Type H sockets are wide in the middle so as to accommodate the round-pinned version of the Type H plug as well as Type C plugs.

Type H plugs are rated 16 amps.



Locations using Plug Type H

	Israel	230V	50Hz	C, H, M
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Plug Type I

Used in: Australia, New Zealand, Papua New Guinea, Argentina (see complete list of countries on bottom)

The Type I plug has two flat pins in a V-shape as well as a grounding pin. A version of the plug, which only has the two flat pins, exists as well. The Australian plug also works with sockets in China.

Australia's standard plug/socket system is rated 10 amps but a plug/socket configuration rated 15 amps also exists, although the ground pin is wider. A standard 10 amp plug will fit into a 15 amp socket but not the other way around.



Locations using Plug Type I				
	American Samoa	120V	60Hz	A, B, F, I
	Argentina	220V	50Hz	I
	Australia	230V	50Hz	I
	China	220V	50Hz	A, C, I
	Cook Islands	240V	50Hz	I
	Fiji	240V	50Hz	I
	Kiribati	240V	50Hz	I
	Nauru	240V	50Hz	I
	New Zealand	230V	50Hz	I
	Papua New Guinea	240V	50Hz	I
	Saint Vincent and the Grenadines	230V	50Hz	A, C, E, G, I, K
	Samoa	230V	50Hz	I
	Solomon Islands	220V	50Hz	I, G
	Tajikistan	220V	50Hz	C, F, I
	Timor-Leste	220V	50Hz	C, E, F, I
	Tonga	240V	50Hz	I
	Tuvalu	220V	50Hz	I
	Uruguay	230V	50Hz	C, F, I, L
	Uzbekistan	220V	50Hz	C, I
	Vanuatu	220V	50Hz	C, G, I







Plug Type J

Used in: Switzerland and Lichtenstein (see complete list of countries on bottom)

The Type J plug has two round pins as well as a grounding pin. Although the Type J plug looks a lot like the Brazilian Type N plug it is incompatible with the Type N socket as the earth pin is further away from the centre line than on Type N. However, Type C plugs are perfectly compatible with Type J sockets.

Type J plugs are rated 10 amps.



Locations using Plug Type J				
	Jordan	230V	50Hz	B, C, D, F, G, J
	Liechtenstein	230V	50Hz	C, J
	Madagascar	127V 220V	50Hz	C, D, E, J, K
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	Rwanda	230V	50Hz	C, J
	Switzerland	230V	50Hz	C, J

Plug Type K

Used in: Denmark and Greenland (see complete list of countries on bottom)

The Type K plug has two round pins as well as a grounding pin. It is similar to Type F, the difference being that Type F has grounding clips instead of a grounding pin. Type C plugs are perfectly compatible with Type F sockets. Type E plugs and sockets are also used in Denmark.



Locations using Plug Type K				
	Bangladesh	220V	50Hz	C, D, G, K
	Denmark	230V	50Hz	C, F, E, K
	Faroe Islands	230V	50Hz	C, F, E, K
	Greenland	230V	50Hz	C, F, E, K
	Guinea	220V	50Hz	C, F, K
	Madagascar	127V 220V	50Hz	C, D, E, J, K
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	Saint Vincent and the Grenadines	230V	50Hz	A, C, E, G, I, K
	Senegal	230V	50Hz	C, D, E, K

Plug Type L

Used in: Italy (see complete list of countries on bottom)

There are two variations of the Type L plug, one rated at 10 amps, and one at 16 amps. The 10 amp version has two round pins that are 4 mm thick and spaced 5.5 mm apart, with a grounding pin in the middle. The 16 amp version has two round pins that are 5 mm thick, spaced 8mm apart, as well as a grounding pin. Italy has a kind of “universal” socket that comprises a “schuko” socket for C, E, F and L plugs and a “bipasso” socket for L and C plugs.



Locations using Plug Type L				
	Chile	220V	50Hz	C, L
	Eritrea	230V	50Hz	C, L
	Ethiopia	220V	50Hz	C, E, F, L
	Italy	230V	50Hz	C, F, L
	Libya	127V 230V	50Hz	C, D, F, L
	Maldives	230V	50Hz	A, C, D, G, J, K, L
	San Marino	230V	50Hz	C, F, L
	Syrian Arab Republic	220V	50Hz	C, E, L
	Uruguay	230V	50Hz	C, F, I, L

Plug Type M

Used in: South Africa, Swaziland, Lesotho (see complete list of countries on bottom)

The Type M plug has three round pins in a triangular pattern and looks similar to the Indian Type D plug, but its pins are much larger. Type M plugs are sometimes used for bigger appliances in countries that make use of Type D plugs, as well as in Israel (Type H). Therefore, sockets in these countries sometimes work with Type M plugs.



Locations using Plug Type M				
	Bhutan	230V	50Hz	C, D, F, G, M
	Botswana	230V	50Hz	D, G, M
	India	230V	50Hz	C, D, M
	Israel	230V	50Hz	C, H, M
	Kuwait	240V	50Hz	C, G, M
	Lesotho	220V	50Hz	M
	Macau	220V	50Hz	D, M, G, F
	Malaysia	240V	50Hz	A, C, G, M
	Mozambique	220V	50Hz	C, F, M
	Namibia	220V	50Hz	D, M
	Nepal	230V	50Hz	C, D, M
	Singapore	230V	50Hz	C, G, M
	South Africa	230V	50Hz	C, D, M, N
	Sri Lanka	230V	50Hz	D, M, G
	Swaziland	230V	50Hz	M



Plug Type N

Used in: Brazil (see complete list of countries on bottom)

There are two variations of the Type N plug, one rated at 10 amps, and one at 20 amps. The 10 amp version has two round pins that are 4 mm thick, and a grounding pin. The 20 amp version, used for heavier appliances, has two round pins 4.8 mm in diameter, and a grounding pin. The Type N socket was designed to work with Type C plugs as well.

Brazil is one of the few countries that uses two types of voltage. While most states use 127 V, some of them use 220 V. It is therefore important to find out the local voltage before plugging in your appliance (note: wrong voltage can destroy your appliance). Many appliances sold in Brazil are dual voltage.



Locations using Plug Type N				
	Brazil	127V 220V	60Hz	C, N
	South Africa	230V	50Hz	C, D, M, N