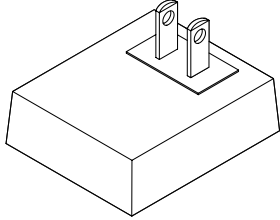
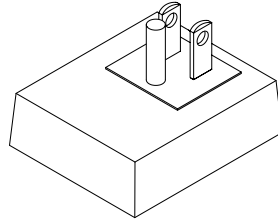


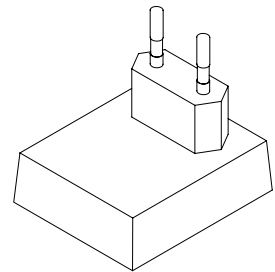
# World Plug & Input Voltage Guide



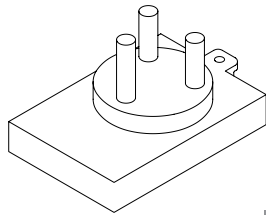
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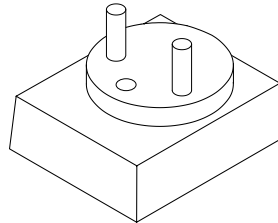
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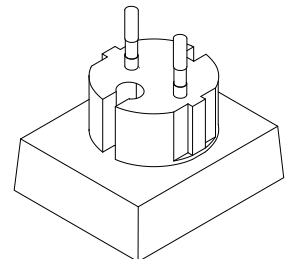
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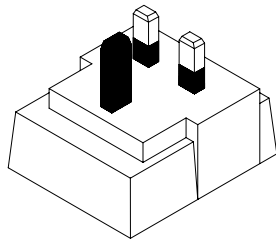
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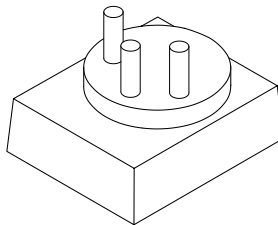
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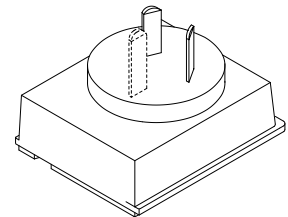
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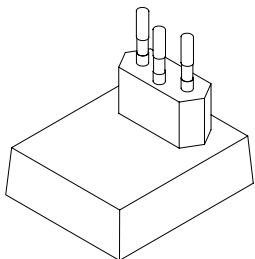
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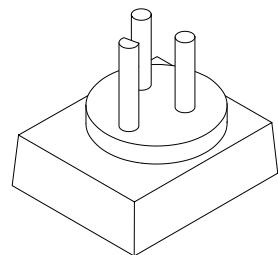
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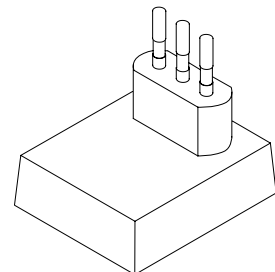
I



J



K



L

# World Plug & Input Voltage Guide

Country	Plug type	Voltage	Hz
Afghanistan	C, D, F	240 V	50 Hz
Albania	C, F	220 V	50 Hz
Algeria	C, F	230 V	50 Hz
American Samoa	A, B, F, I	120 V	60 Hz
Andorra	C, F	220 V	50 Hz
Angola	C	220 V	50 Hz
Anguilla	A, B	110 V	60 Hz
Antigua	A, B	230 V	60 Hz
Argentina	C, I	220 V	50 Hz
Armenia	C, F	220 V	50 Hz
Aruba	A, B, F	127 V	60 Hz
Australia	I	230 V	50 Hz
Austria	C, F	230 V	50 Hz
Azerbaijan	C	220 V	50 Hz
Azores	B, C, F	220 V	50 Hz
Bahamas	A, B	120 V	60 Hz
Bahrain	G	230 V	50 Hz
Balearic Islands	C, F	220 V	50 Hz
Bangladesh	A, C, D, G, K	220 V	50 Hz
Barbados	A, B	115 V	50 Hz
Belarus	C	220 V	50 Hz
Belgium	C, E	230 V	50 Hz
Belize	A, B, G	110/220 V	60 Hz
Benin	C, E	220 V	50 Hz
Bermuda	A, B	120 V	60 Hz
Bhutan	D, F, G, M	230 V	50 Hz
Bolivia	A, C	220 V	50 Hz
Bosnia	C, F	220 V	50 Hz
Botswana	D, G, M	231 V	50 Hz
Brazil	A, B, C, I	110/220 V	60 Hz
Brunei	G	240 V	50 Hz
Bulgaria	C, F	220 V	50 Hz
Burkina Faso	C, E	220 V	50 Hz
Burundi	C, E	220 V	50 Hz
Cambodia	A, C, G	230 V	50 Hz
Cameroon	C, E	220 V	50 Hz
Canada	A, B	120 V	60 Hz

Country	Plug type	Voltage	Hz
Canary Islands	C, E, L	220 V	50 Hz
Cape Verde	C, F	220 V	50 Hz
Cayman Islands	A, B	120 V	60 Hz
Central African Republic	C, E	220 V	50 Hz
Chad	D, E, F	220 V	50 Hz
Channel Islands	C, G	230 V	50 Hz
Chile	C, L	220 V	50 Hz
China [mainland]	A, C, I	220 V	50 Hz
Colombia	A, B	120 V	60 Hz
Comoros	C, E	220 V	50 Hz
Congo-Brazzaville	C, E	230 V	50 Hz
Congo-Kinshasa	C, D	220 V	50 Hz
Cook Islands	I	240 V	50 Hz
Costa Rica	A, B	120 V	60 Hz
Cote d'Ivoire	C, E	230 V	50 Hz
Croatia	C, F	230 V	50 Hz
Cuba	A, B	110 V	60 Hz
Cyprus	G	240 V	50 Hz
Czech Republic	C, E	230 V	50 Hz
Denmark	C, K, E	230 V	50 Hz
Djibouti	C, E	220 V	50 Hz
Dominica	D, G	230 V	50 Hz
Dominican Rep.	A, B	110 V	60 Hz
East Timor	C, E, F, I	220 V	50 Hz
Ecuador	A, B	120 V	60 Hz
Egypt	C	220 V	50 Hz
El Salvador	A, B	115 V	60 Hz
Equatorial Guinea	C, E	220 V	50 Hz
Eritrea	C	230 V	50 Hz
Estonia	C, F	230 V	50 Hz
Ethiopia	C, E, F, L	220 V	50 Hz
Faroe Islands	C, K	220 V	50 Hz
Falkland Islands	G	240 V	50 Hz
Fiji	I	240 V	50 Hz

# World Plug & Input Voltage Guide

Country	Plug type	Voltage	Hz
Finland	C, F	230 V	50 Hz
France	C, E	230 V	50 Hz
French Guiana	C, D, E	220 V	50 Hz
Gaza Strip	C, H, M	230 V	50 Hz
Gabon	C	220 V	50 Hz
Gambia	G	230 V	50 Hz
Germany	C, F	230 V	50 Hz
Ghana	D, G	230 V	50 Hz
Gibraltar	G, K	240 V	50 Hz
Greece	C, F	230 V	50 Hz
Greenland	C, K	220 V	50 Hz
Grenada	G	230 V	50 Hz
Guadeloupe	C, D, E	230 V	50 Hz
Guam	A, B	110 V	60 Hz
Guatemala	A, B	120 V	60 Hz
Guinea	C, F, K	220 V	50 Hz
Guinea-Bissau	C	220 V	50 Hz
Guyana	A, B, D, G	240 V	60 Hz
Haiti	A, B	110 V	60 Hz
Honduras	A, B	110 V	60 Hz
Hong Kong	G, M	220 V	50 Hz
Hungary	C, F	230 V	50 Hz
Iceland	C, F	230 V	50 Hz
India	C, D, M	230 V	50 Hz
Indonesia	C, F, G	127/230 V	50 Hz
Iran	C, F	220 V	50 Hz
Iraq	C, F, G	230 V	50 Hz
Ireland	G	230 V	50 Hz
Isle of Man	C, G	240 V	50 Hz
Israel	C, H, M	230 V	50 Hz
Italy	C, F, L	230 V	50 Hz
Japan	A, B	100 V	50/60Hz
Jordan	B, C, D, F, G, J	230 V	50 Hz
Kazakhstan	C, E, F	220 V	50 Hz
Kenya	G	240 V	50 Hz
Kiribati	I	240 V	50 Hz

Country	Plug type	Voltage	Hz
Korea, North	C	220 V	50 Hz
Korea, South	A, B, C, F	220 V	60 Hz
Kuwait	C, G	240 V	50 Hz
Laos	A, B, C, E, F	230 V	50 Hz
Latvia	C, F	220 V	50 Hz
Lebanon	A, B, C, D, G	110/200 V	50 Hz
Lesotho	M	220 V	50 Hz
Liberia	A, B, C, E, F	120/240 V	50 Hz
Libya	D, L	127 V	50 Hz
Lithuania	C, F	230 V	50 Hz
Liechtenstein	C, J	230 V	50 Hz
Luxembourg	C, F	230 V	50 Hz
Macau S.A.R. of China	D, M, G, F	220 V	50 Hz
Madagascar	C, D, E, J, K	127/220 V	50 Hz
Madeira	C, F	220 V	50 Hz
Malawi	G	230 V	50 Hz
Malaysia	G, M	240 V	50 Hz
Maldives	A, D, G, J, K, L	230 V	50 Hz
Mali	C, E	220 V	50 Hz
Malta	G	230 V	50 Hz
Martinique	C, D, E	220 V	50 Hz
Mauritania	C	220 V	50 Hz
Monaco	C, D, E, F	120/220 V	50 Hz
Mongolia	C, E	230 V	50 Hz
Montenegro	C, F	220 V	50 Hz
Montserrat	A, B	230 V	60 Hz
Morocco	C, E	120/220 V	50 Hz
Mozambique	C, F, M	220 V	50 Hz
Myanmar/Burma	C, D, F, G	230 V	50 Hz
Namibia	D, M	220 V	50 Hz
Nauru	I	240 V	50 Hz
Nepal	C, D, M	230 V	50 Hz
Netherlands	C, F	230 V	50 Hz
Netherlands Antilles	A, B, F	120/220 V	50 Hz
New Calcedonia	F	220 V	50 Hz
Nicaragua	A, B	120 V	60 Hz

# World Plug & Input Voltage Guide

Country	Plug type	Voltage	Hz
Niger	A, B, C, D, E, F	220 V	50 Hz
Nigeria	D, G	240 V	50 Hz
Norway	C, F	230 V	50 Hz
Okinawa	A, B	100 V	60 Hz
Oman	C, G	240 V	50 Hz
Pakistan	C, D, M, G	230 V	50 Hz
Panama	A, B	110 V	60 Hz
Papua New Guinea	I	240 V	50 Hz
Paraguay	C	220 V	50 Hz
Peru	A, B, C	220 V	60 Hz
Philippines	A, B	220 V	60 Hz
Poland	C, E	230 V	50 Hz
Portugal	C, F	220 V	50 Hz
Puerto Rico	A, B	120 V	60 Hz
Qatar	D, G	240 V	50 Hz
Reunion	E	220 V	50 Hz
Romania	C, F	230 V	50 Hz
Romania	C, F	230 V	50 Hz
Russian Federation	C, F	220 V	50 Hz
Rwanda	C, J	230 V	50 Hz
St. Kitts/Nevis	D, G	230 V	60 Hz
St. Lucia	G	240 V	50 Hz
St. Vincent	A, C, E, G, I, K	230 V	50 Hz
Saudi Arabia	A, B, F, G	127/230 V	60 Hz
Senegal	C, D, E, K	230 V	50 Hz
Sierra Leone	D, G	230 V	50 Hz
Singapore	G, M	230 V	50 Hz
Slovakia	C, E	230 V	50 Hz
Slovenia	C, F	230 V	50 Hz
Somalia	C	220 V	50 Hz
South Africa	M	220 V	50 Hz
Spain	C, F	230 V	50 Hz
Sri Lanka	D, M, G	230 V	50 Hz
Sudan	C, D	230 V	50 Hz
Suriname	C, F	127 V	60 Hz
Swaziland	M	230 V	50 Hz

Country	Plug type	Voltage	Hz
Sweden	C, F	230 V	50 Hz
Switzerland	C, J,	230 V	50 Hz
Syria	C, E, L	220 V	50 Hz
Tahiti	A, B, E	110/220 V	60 Hz
Taiwan	A, B	110/220 V	60 Hz
Tanzania	D, G	230 V	50 Hz
Thailand	A, B, C	220 V	50 Hz
Togo	C	220 V	50 Hz
Tonga	I	240 V	50 Hz
Trinidad & Tobago	A, B	115 V	60 Hz
Tunisia	C, E	230 V	50 Hz
Turkey	C, F	230 V	50 Hz
Turkmenistan	B, F	220 V	50 Hz
Uganda	G	240 V	50 Hz
Ukraine	C, F	220 V	50 Hz
United Arab Emirates	C, D, G	220 V	50 Hz
United Kingdom	G	230 V	50 Hz
United States	A, B	120 V	60 Hz
Uruguay	C, F, I, L	230 V	50 Hz
Uzbekistan	C, I	220 V	50 Hz
Vanuatu	I	230 V	50 Hz
Venezuela	A, B	120 V	60 Hz
Vietnam	A, C	220 V	50 Hz
Virgin Islands	A, B	110 V	60 Hz
Western Samoa	I	230 V	50 Hz
Yemen	A, D, G	230 V	50 Hz
Zambia	C, D, G	230 V	50 Hz
Zimbabwe	D, G	220 V	50 Hz