

World Voltage Frequency

Place	Volts	Frequency (Hz)
Afghanistan	220	50
Albania	230	50
Algeria	230	50
American Samoa	120	60
Andorra	230	50
Angola	220	50
Anguilla	110	60
Antigua and Barbuda	230	60
Argentina	220	50
Armenia	230	50
Aruba	127	60
Australia	240	50
Austria	230	50
Azerbaijan	220	50
Azores	230	50
Bahamas	120	60
Bahrain	230	50
Balearic Islands	230	50
Bangladesh	220	50
Barbados	115	50
Belarus	230	50
Belgium	230	50
Belize	110	60
Benin	220	50
Bermuda	120	60
Bhutan	230	50
Bolivia	230	50
Bosnia and Herzegovina	230	50
Botswana	230	50
Brazil	110	60
Brunei	240	50
Bulgaria	230	50
Burkina Faso	220	50
Burundi	220	50
Cambodia	230	50
Cameroon	220	50

Place	Volts	Frequency (Hz)
Canada	120	60
Canary Islands	230	50
Cape Verde	230	50
Cayman Islands	120	60
Central African Republic	220	50
Chad	220	50
Channel Islands	230	50
Chile	220	50
China	220	50
Colombia	110	60
Comoros	220	50
Cook Islands	240	50
Costa Rica	120	60
Cote d'Ivoire	220	50
Croatia	230	50
Cuba	110	60
Cyprus	230	50
Czech Republic	230	50
Democratic Republic of the C	220	50
Denmark	230	50
Djibouti	220	50
Dominica	230	50
Dominican Republic	110	60
East Timor	220	50
Ecuador	127	60
Egypt	220	50
El Salvador	115	60
Equatorial Guinea	220	50
Eritrea	230	50
Estonia	230	50
Ethiopia	220	50
Falkland Islands	240	50
Faroe Islands	230	50
Fiji	240	50
Finland	230	50
France	230	50
French Guiana	220	50
French Polynesia / Tahiti	220	60
Gabon	220	50

Place	Volts	Frequency (Hz)
Gaza Strip	230	50
Germany	230	50
Ghana	230	50
Gibraltar	230	50
Greece	230	50
Greenland	230	50
Grenada	230	50
Guadeloupe	230	50
Guam	110	60
Guatemala	120	60
Guinea	220	50
Guinea-Bissau	220	50
Guyana	240	60
Haiti	110	60
Honduras	110	60
Hong Kong / Xianggang	220	50
Hungary	230	50
Iceland	230	50
India	240	50
Indonesia	230	50
Iran	230	50
Iraq	230	50
Ireland (Eire)	230	50
Isle of Man	230	50
Israel	230	50
Italy	230	50
Jamaica	110	50
Japan	100	50
Jordan	230	50
Kazakhstan	220	50
Kenya	240	50
Kiribati	240	50
Korea, South	220	60
Kuwait	240	50
Kyrgyzstan	220	50
Laos	230	50
Latvia	230	50
Lebanon	230	50
Lebanon	220	50

Place	Volts	Frequency (Hz)
Liberia	120	60
Libya	230	50
Liechtenstein	230	50
Lithuania	230	50
Luxembourg	230	50
Macau / Aomen	220	50
Macedonia	230	50
Madagascar	220	50
Madeira	230	50
Malawi	230	50
Malaysia	240	50
Maldives	230	50
Mali	220	50
Malta	230	50
Martinique	220	50
Mauritania	220	50
Mauritius	230	50
Mexico	127	60
Micronesia, Federal States of	120	60
Moldova	230	50
Monaco	230	50
Mongolia	230	50
Montserrat	230	60
Morocco	220	50
Mozambique	220	50
Myanmar / Burma	230	50
Namibia	220	50
Nauru	240	50
Nepal	230	50
Netherlands	230	50
Netherlands Antilles	220	50
New Caledonia	220	50
New Zealand	230	50
Nicaragua	120	60
Niger	220	50
Nigeria	240	50
Norway	230	50
Okinawa	100	60
Oman	240	50

Place	Volts	Frequency (Hz)
Pakistan	230	50
Palmyra Atoll	120	60
Panama	110	60
Papua New Guinea	240	50
Paraguay	220	50
Peru	220	60
Philippines	220	60
Poland	230	50
Portugal	230	50
Puerto Rico	120	60
Qatar	240	50
Republic of the Congo	230	50
Reunion Island	230	50
Romania	230	50
Rwanda	230	50
Saint Kitts and Nevis	230	60
Saint Lucia	240	50
Saint Vincent and the Grenad	230	50
Samoa	230	50
Saudi Arabia	127	60
Senegal	230	50
Serbia & Montenegro	230	50
Seychelles	240	50
Sierra Leone	230	50
Singapore	230	50
Slovakia	230	50
Slovenia	230	50
Somalia	220	50
South Africa	230	50
Spain	230	50
Sri Lanka	230	50
Sudan	230	50
Suriname	127	60
Swaziland	230	50
Sweden	230	50
Switzerland	230	50
Syria	220	50
Taiwan	110	60
Tajikistan	220	50

Place	Volts	Frequency (Hz)
Tanzania	230	50
Thailand	220	50
The Gambia	230	50
The Russian Federation	230	50
Togo	220	50
Tonga	240	50
Trinidad and Tobago	115	60
Tunisia	230	50
Turkey	230	50
Turkmenistan	220	50
Uganda	240	50
Ukraine	230	50
United Arab Emirates	220	50
United Kingdom	230	50
United States of America	120	60
Uruguay	220	50
Uzbekistan	220	50
Venezuela	120	60
Vietnam	220	50
Virgin Islands	110	60
Yemen	230	50
Zambia	230	50
Zimbabwe	220	50