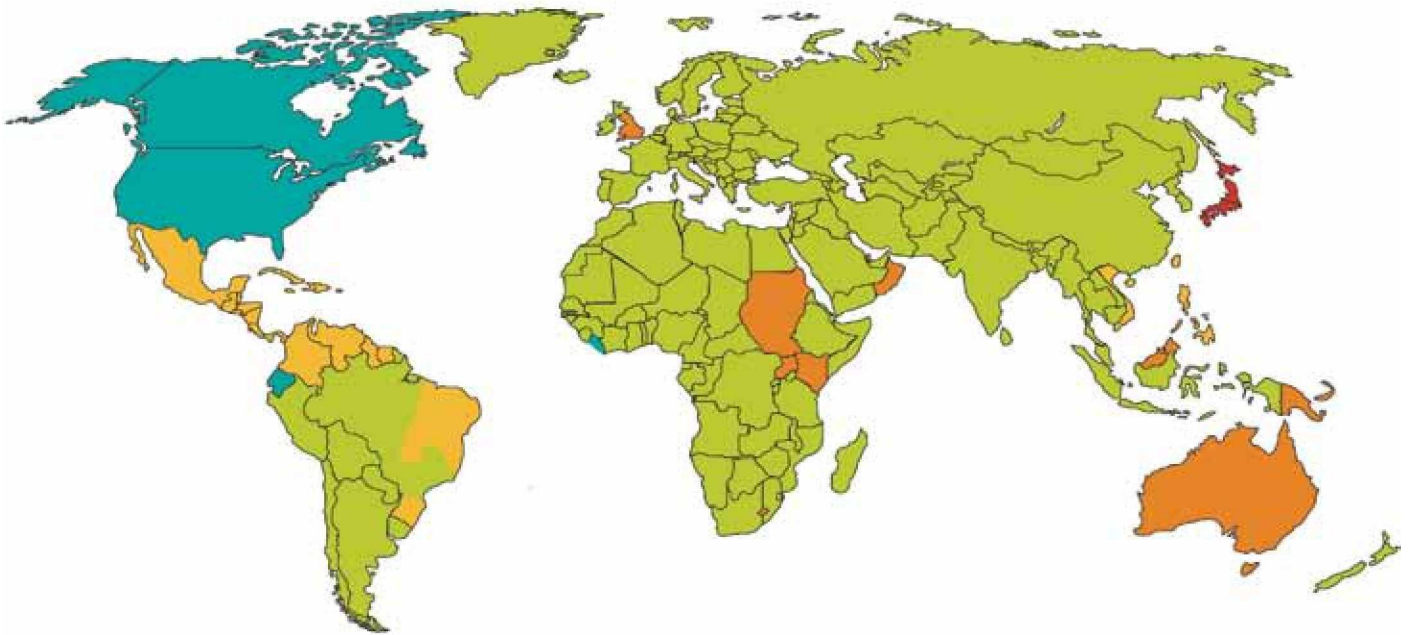


# World Wide Power Type



## Single-phase voltages

- 110-127V; 60Hz (also 208V; 60Hz)
- 110-127V; 60Hz
- 100V
- 220/230V; 50Hz
- 240V; 50Hz

Country	Single phase voltage (V)	Three-Phase voltage (V)	Frequency (Hz)
Afghanistan	220	380	50
Albania	230	400	50
Algeria	230	400	50
Angola	220	380	50
Argentina	220	380	50
Armenia	230	380	50
Australia	240	415	50
Austria	230	400	50
Azerbaijan	220	380	50
Bahrain	230	400	50
Bangladesh	220	380	50
Belarus	220	380	50
Belgium	230	400	50
Benin	220	380	50
Bolivia	115/230	400	50
Bosnia-Herzegovina	220	380	50
Botswana	220	380	50
Brazil	110-127	220/380	60
	220		60
Brunei	240	415	50
Bulgaria	230	400	50
Burkina Faso	220	380	50
Burma (Myanmar)	230	400	50
Burundi	220	380	50
Cambodia	230	400	50
Cameroon	220	380	50

Canada	110/120	220/240	60
Central African Republic	220	380	50
Chad	220	380	50
Chile	220	380	50
China	220	380	50
Colombia	110/220	220	60
Congo	220	220/380	50
Congo, Dem. Rep. of (formerly Zaire)	220	380	50
Costa Rica	120/240	240	60
Croatia	230	400	50
Cyprus	240	415	50
Czech Republic	230	400	50
Denmark	230	400	50
Djibouti	220	380	50
Dominica	230	400	50
Dominican Republic	110	415	60
Ecuador	120	190	60
Egypt	220	380	50
El Salvador	115	400	60
England	240	415	50
Estonia	230	400	50
Ethiopia	220	380	50
Faroe Islands	230	400	50
Falkland Islands	240	415	50
Finland	230	400	50
France	230	400	50
Gabon	220	380	50
Gambia	230	400	50

Country	Single phase voltage (V)	Three-Phase voltage (V)	Frequency (Hz)
Gaza	230	400	50
Georgia	220	380	50
Germany	220-230	400	50
Ghana	230	400	50
Greece	220-230	400	50
Guadeloupe	220	380	50
Guatemala	120/127/220	200/240	60
Guinea	220	380	50
Guinea-Bissau	220	380	50
Guyana	110/220	220	50-60
Haiti	110/220	220	50-60
Honduras	110/220	220	60
Hong Kong	220	380	50
Hungary	230	400	50
Iceland	230	400	50
India	230	400	50
Indonesia	220	380	50
Iraq	230	400	50
Ireland	230	400	50
Israel	230	400	50
Italy	220-230	400	50
Ivory Coast	220	380	50
Jamaica	110/220	200	60
Japan	100/200	200	50&60
Jordan	220	380	50
Kazakhstan	220	380	50
Kenya	240	415	50
Korea, South	220	380	50&60
Kuwait	240	415	50
Kyrgyzstan	220	380	50
Laos	230	400	50
Latvia	220	380	50
Lebanon	110-220	400	50
Lesotho	220	380	50
Liberia	120	208	60
Libya	127-220	220/380	50
Liechtenstein	230	400	50
Lithuania	220	380	50
Luxembourg	120/208	220/380	50
Macedonia	230	400	50
Madagascar	220	380	50
Malawi	230	400	50
Malaysia	240	415	50
Mali	220	380	50
Malta	240	415	50
Martinique	220	380	50
Mauritania	220	380	50
Mauritius	230	400	50
Mexico	127	220/480	60
Moldova	220	380	50
Monaco	230	400	50
Mongolia	220	380	50
Morocco	220	380	50
Mozambique	220	380	50
Namibia	220-250	380	50
Nauru	240	415	50
Nepal	230	400	50
Netherlands Antilles	120-127/220	220/380	50/60
Netherlands	220	380	50

New Zealand	230	400	50
Nicaragua	120/240	240	60
Niger	220	380	50
Nigeria	230	400	50
Northern Ireland	240	415	50
Norway	230	400	50
Oman	240	415	50
Pakistan	230	400	50
Panama	110/220/120	220/240	60
Paraguay	220	380	50
Peru	110/220	220/380	50/60
Philippines	220	380	60
Poland	230	400	50
Portugal	220	380	50
Puerto Rico	120	208	60
Qatar	240	415	50
Réunion Island	230	400	50
Romania	230	400	50
Russia	220	380	50
Rwanda	220	380	50
Saudi Arabia	127/220	380	50/60
Scotland	240	415	50
Senegal	230	400	50
Serbia	230	400	50
Seychelles	240	415	50
Singapore	230	400	50
Slovakia	230	400	50
Slovenia	230	400	50
Somalia	110/220	380	50
South Africa	220-250	380	50
Spain	220-230	400	50
Sri Lanka	230	400	50
Sudan	230	400	50
Surinam	110/220	220/230	60
Swaziland	230	400	50
Sweden	230	400	50
Switzerland	230	400	50
Taiwan	110/220	220	60
Tajikistan	220	380	50
Tanzania	230	400	50
Thailand	220/230	380	50
Togo	220	380	50
Tonga	240	415	60
Tunisia	230	400	50
Turkey	230	400	50
Turkmenistan	220	380	50
Uganda	240	415	50
Ukraine	220	380	50
United Arab Emirates	220/230	400	50
United Kingdom	240	415	50
United States	120/240	208/480	60
Uruguay	220	220	50
Uzbekistan	220	380	50
Venezuela	120	240	60
Vietnam	120/220	220/380	50
Wales	220	380	50
Yemen	230	400	50
Zambia	220	380	50
Zimbabwe	220	380	50