

The following guide is a general reference of worldwide voltages and frequencies. Voltage and outlet types may vary within a country, depending on location.

Country	Outlet (Plug Types)	Frequency (in Hz)	Nominal Voltage	Country	Outlet (Plug Types)	Frequency (in Hz)	Nominal Voltage
Africa/Middle East				Caribbean			
Abu Dhabi	UK, EU (A, C)	50	240	Antigua	US, UK (A, B)	60	230
Afghanistan	EU (C)	50	240	Aruba	US (B)	60	115
Algeria	US, EU (B, C)	50	230	Bahamas	US, UK, EU (A, B, C)	60	120
Angola	EU (C)	50	220	Barbados	US (B)	50	115
Anguilla	US, UK (A, B)	50/60	110	Bermuda	US, UK (A, B)	60	120
Azerbaijan	EU (C)	50	220	British Virgin Islands	UK (A)	60	110
Bahrain	UK (A)	50	230	Dominican Republic	US, UK, EU (A, B, C)	60	110
Bangladesh	EU (C)	50	220	Haiti	US (B)	60	110
Burkina Faso	EU (C)	50	220	Jamaica	US, UK, EU (A, B, C)	50	110
Benin	EU (C)	50	220	Leeward Islands	US, EU (B, C)	60	230
Botswana	UK (A)	50	230	Puerto Rico	US (B)	60	120
Brunei	UK, EU (A, C)	50	240	Trinidad and Tobago	US (B)	60	115
Burundi	EU (C)	50	220	Virgin Islands	US, UK (A, B)	60	110
Cameroon	EU (C)	50	220	Central/South America			
Canary Islands	EU (C)	50	220	Argentina	AU, EU (B, C)	50	220
Cape Verde	EU (C)	50	220	Belize	US, UK (A, B)	60	110/220
Chad Republic	EU (C)	50	220	Bolivia	US, EU (B, C)	50	220
Congo	EU (C)	50	220	Brazil	US, EU (B, C)	60	110/220
Egypt	UK, EU (A, C)	50	220	Chile	US, EU (B, C)	50	220
Eritrea	EU (C)	50	230	Colombia	US, EU (B, C)	60	120
Ethiopia	EU (C)	50	220	Costa Rica	US (B)	60	120
Gambia	UK (A)	50	230	El Salvador	US (B)	60	115
Iran	UK, EU (A, C)	50	230	Falkland Islands	UK (A)	50	240
Iraq	UK (A)	50	230	Grenada	UK (A)	50	230
Israel	AU, EU (B, C)	50	230	Guadeloupe	EU (C)	50	230
Jordan	UK, EU (A, C)	50	230	Guatemala	US (B)	60	120
Kenya	UK, EU (A, C)	50	240	Honduras	US (B)	60	110
Kuwait	UK, EU (A, C)	50	240	Martinique	EU (C)	50	220
Lebanon	US, EU (B, C)	50	120/240	Nicaragua	US (B)	60	120
Liberia	US (B)	50/60	110	Panama	US (B)	60	110
Mali	EU (C)	50	220	Peru	US, EU (B, C)	60	220
Morocco	US, EU (B, C)	50	127/220	Suriname	EU (C)	60	127
Mozambique	EU (C)	50	220	Uruguay	AU, EU (B, C)	50	230
Nigeria	UK, EU (A, C)	50	240	Venezuela	US (B)	60	120
Oman	UK (A)	50	240	Europe			
Pakistan	US, EU (B, C)	50	220	Albania	EU (C)	50	220
Qatar	UK, EU (A, C)	50	240	Armenia	EU (C)	50	220
Rwanda	EU (C)	50	230	Austria	UK, EU (A, C)	50	230
Saudi Arabia	US, UK, EU (A, B, C)	60	127/220	Azores	EU (C)	50	220
Senegal	UK, EU (A, C)	50	230	Belarus	EU (C)	50	220
Sierra Leone	UK, EU (A, C)	50	230	Belgium	US, EU (B, C)	50	230
Somalia	EU (C)	50	220	Bosnia	EU (C)	50	220
South Africa	UK (A)	50	220	Bulgaria	EU (C)	50	230
Sudan	UK, EU (A, C)	50	230	Croatia	EU (C)	50	230
Syria	EU (C)	50	220	Cyprus	UK (A)	50	240
Tajikistan	EU (C)	50	220	Czech Republic	EU (C)	50	230
Tunisia	UK, EU (A, C)	50	230	Denmark	EU (C)	50	230
Turkmenistan	US, EU (B, C)	50	220	Estonia	EU (C)	50	230
United Arab Emirates	UK, EU (A, C)	50	220	Finland	US, EU (B, C)	50	230
Yemen	UK, EU (A, C)	50	230	France	AU, US, EU (B, C)	50	230
Zambia	UK, EU (A, C)	50	230	Germany (Western)	EU (C)	50	230
Zimbabwe	UK, EU (A, C)	50	230	Gibraltar	UK, EU (A, C)	50	240
Asia/Pacific				North America			
American Samoa	US, AU, EU (B, C)	60	120	Canada	US, EU (B, C)	60	120
Australia	AU (B)	50	230	United States	US (B)	60	110
Bali	EU (C)	50	220	Mexico	US (B)	60	120
Bhutan	UK, EU (A, C)	50	230				
China	AU, US, UK, EU (A, B, C)	50	220				
Cook Island	AU (B)	50	240				
Fiji	AU, US, UK, EU (A, B, C)	50	240				
French Polynesia	EU (C)	60	220				
Guam	US (B)	60	110/220				
Hong Kong	UK, EU (A, C)	50	220				
India	UK, EU (A, C)	50	230				
Indonesia	US, UK, EU (A, B, C)	50	127/230				
Japan	US (B)	50/60	100				
Kazakhstan	EU (C)	50	220				
Malaysia	UK, EU (A, C)	50	240				
Maldives	UK, EU (A, C)	50	230				
Mongolia	EU (C)	50	230				
Myanmar	UK, EU (A, C)	50	230				
Nepal	AU, UK, EU (A, B, C)	50	230				
New Caledonia	AU, EU (B, C)	50	220				
New Zealand	AU (B)	50	230				
Norfolk Islands	AU (B)	50	240				
North Korea	US, EU (B, C)	50	220				
Palau	AU, US, EU (B, C)	60	120/240				
Papua New Guinea	AU, US (B)	50	220				
Philippines	AU, US, EU (B, C)	60	220				
Singapore	UK, EU (A, C)	50	230				
South Korea	US, EU (B, C)	60	220				
Sri Lanka	UK, EU (A, C)	50	230				
Tahiti	US, EU (B, C)	60	110/220				
Taiwan	AU, US, EU (B, C)	60	110				
Thailand	US, UK, EU (A, B, C)	50	220				
Tibet	AU, EU (B, C)	50	220				
Tonga	AU, US (B)	50/60	220				
Vietnam	US, EU (B, C)	50	220				
Western Samoa	AU, US, EU (B, C)	50	220				