

Electrical Power Standards by Country

| Country or Area | Type of Plug | Voltage | Frequency |
|------------------------|-----------------|---------------|-----------|
| Abu Dhabi | G | 230 V | 50 Hz |
| Afghanistan | C or F | 220 V | 50 Hz |
| Albania | C or F | 230 V | 50 Hz |
| Algeria | C or F | 230 V | 50 Hz |
| American Samoa | A, B, F or I | 120 V | 60 Hz |
| Andorra | C or F | 230 V | 50 Hz |
| Angola | C | 220 V | 50 Hz |
| Anguilla | A or B | 110 V | 60 Hz |
| Antigua and Barbuda | A or B | 230 V | 60 Hz |
| Argentina | C or I | 220 V | 50 Hz |
| Armenia | C or F | 230 V | 50 Hz |
| Aruba | A, B or F | 120 V | 60 Hz |
| Australia | I | 230 V | 50 Hz |
| Austria | C or F | 230 V | 50 Hz |
| Azerbaijan | C or F | 220 V | 50 Hz |
| Azores | B, C or F | 230 V | 50 Hz |
| Bahamas | A or B | 120 V | 60 Hz |
| Bahrain | G | 230 V | 50 Hz |
| Balearic Islands | C or F | 230 V | 50 Hz |
| Bangladesh | A, C, D, G or K | 220 V | 50 Hz |
| Barbados | A or B | 115 V | 50 Hz |
| Belarus | C or F | 220 V | 50 Hz |
| Belgium | C or E | 230 V | 50 Hz |
| Belize | A, B or G | 110 V / 220 V | 60 Hz |
| Benin | C or E | 220 V | 50 Hz |
| Bermuda | A or B | 120 V | 60 Hz |
| Bhutan | C, D or G | 230 V | 50 Hz |
| Bolivia | A or C | 230 V | 50 Hz |
| Bonaire | A or C | 127 V | 50 Hz |
| Bosnia & Herzegovina | C or F | 230 V | 50 Hz |
| Botswana | D or G | 230 V | 50 Hz |
| Brazil | C or N | 127 V / 220 V | 60 Hz |
| British Virgin Islands | A or B | 110 V | 60 Hz |
| Brunei | G | 240 V | 50 Hz |
| Bulgaria | C or F | 230 V | 50 Hz |
| Burkina Faso | C or E | 220 V | 50 Hz |
| Burma or Myanmar | A, C, D, G or I | 230 V | 50 Hz |
| Burundi | C or E | 220 V | 50 Hz |
| Cambodia | A, C or G | 230 V | 50 Hz |
| Cameroon | C or E | 220 V | 50 Hz |
| Canada | A or B | 120 V | 60 Hz |
| Canary Islands | C, E or F | 230 V | 50 Hz |
| Cape Verde | C or F | 230 V | 50 Hz |
| Cayman Islands | A or B | 120 V | 60 Hz |

Electrical Power Standards by Country

| Country or Area | Type of Plug | Voltage | Frequency |
|---|--------------|---------------|-----------|
| Central African Republic | C or E | 220 V | 50 Hz |
| Chad | C, D, E or F | 220 V | 50 Hz |
| Chile | C or L | 220 V | 50 Hz |
| China, People's Republic of | A, C or I | 220 V | 50 Hz |
| Christmas Island | I | 230 V | 50 Hz |
| Cocos or Keeling Islands | I | 230 V | 50 Hz |
| Colombia | A or B | 110 V | 60 Hz |
| Comoros | C or E | 220 V | 50 Hz |
| Congo, Democratic Republic of the Congo | C, D or E | 220 V | 50 Hz |
| Congo, Republic of Brazzaville | C or E | 230 V | 50 Hz |
| Cook Islands | I | 240 V | 50 Hz |
| Costa Rica | A or B | 120 V | 60 Hz |
| Côte d'Ivoire (Ivory Coast) | C or E | 220 V | 50 Hz |
| Croatia | C or F | 230 V | 50 Hz |
| Cuba | A, B, C or L | 110 V / 220 V | 60 Hz |
| Curaçao | A or B | 127 V | 50 Hz |
| Cyprus | G | 230 V | 50 Hz |
| Czech Republic | C or E | 230 V | 50 Hz |
| Denmark | C, E, F or K | 230 V | 50 Hz |
| Djibouti | C or E | 220 V | 50 Hz |
| Dominica | D or G | 230 V | 50 Hz |
| Dominican Republic | A, B or C | 120 V | 60 Hz |
| Dubai | G | 230 V | 50 Hz |
| East Timor | C, E, F or I | 220 V | 50 Hz |
| Ecuador | A or B | 120 V | 60 Hz |
| Egypt | C or F | 220 V | 50 Hz |
| El Salvador | A or B | 120 V | 60 Hz |
| England | G | 230 V | 50 Hz |
| Equatorial Guinea | C or E | 220 V | 50 Hz |
| Eritrea | C or L | 230 V | 50 Hz |
| Estonia | C or F | 230 V | 50 Hz |
| Ethiopia | C, F or G | 220 V | 50 Hz |
| Faeroe Islands | C, E, F or K | 230 V | 50 Hz |
| Falkland Islands | G | 240 V | 50 Hz |
| Fiji | I | 240 V | 50 Hz |
| Finland | C or F | 230 V | 50 Hz |
| France | C or E | 230 V | 50 Hz |
| French Guiana | C, D or E | 220 V | 50 Hz |
| Gabon | C | 220 V | 50 Hz |
| Gambia | G | 230 V | 50 Hz |
| Gaza Strip aka Gaza | C or H | 230 V | 50 Hz |
| Georgia | C or F | 220 V | 50 Hz |
| Germany | C or F | 230 V | 50 Hz |

Electrical Power Standards by Country

| Country or Area | Type of Plug | Voltage | Frequency |
|----------------------------|-----------------|---------------|---------------|
| Ghana | D or G | 230 V | 50 Hz |
| Gibraltar | G | 230 V | 50 Hz |
| Great Britain | G | 230 V | 50 Hz |
| Greece | C or F | 230 V | 50 Hz |
| Greenland | C, E, F or K | 230 V | 50 Hz |
| Grenada | G | 230 V | 50 Hz |
| Guadeloupe | C or E | 230 V | 50 Hz |
| Guam | A or B | 110 V | 60 Hz |
| Guatemala | A or B | 120 V | 60 Hz |
| Guinea | C, F or K | 220 V | 50 Hz |
| Guinea-Bissau | C | 220 V | 50 Hz |
| Guyana | A, B, D or G | 120 V / 240 V | 60 Hz |
| Haiti | A or B | 110 V | 60 Hz |
| Holland or The Netherlands | C or F | 230 V | 50 Hz |
| Honduras | A or B | 120 V | 60 Hz |
| Hong Kong | G | 220 V | 50 Hz |
| Hungary | C or F | 230 V | 50 Hz |
| Iceland | C or F | 230 V | 50 Hz |
| India | C, D or M | 230 V | 50 Hz |
| Indonesia | C or F | 230 V | 50 Hz |
| Iran | C or F | 230 V | 50 Hz |
| Iraq | C, D or G | 230 V | 50 Hz |
| Ireland | G | 230 V | 50 Hz |
| Isle of Man | C or G | 230 V | 50 Hz |
| Israel | C or H | 230 V | 50 Hz |
| Italy | C, F or L | 230 V | 50 Hz |
| Jamaica | A or B | 110 V | 50 Hz |
| Japan | A or B | 100 V | 50 Hz / 60 Hz |
| Jordan | C, D, F, G or J | 230 V | 50 Hz |
| Kazakhstan | C or F | 220 V | 50 Hz |
| Kenya | G | 240 V | 50 Hz |
| Kiribati | I | 240 V | 50 Hz |
| Korea, North | C | 220 V | 50 Hz |
| Korea, South | F | 220 V | 60 Hz |
| Kosovo | C or F | 230 V | 50 Hz |
| Kuwait | G | 240 V | 50 Hz |
| Kyrgyzstan | C or F | 220 V | 50 Hz |
| Laos | A, B, C, E or F | 230 V | 50 Hz |
| Latvia | C or F | 230 V | 50 Hz |
| Lebanon | C, D or G | 230 V | 50 Hz |
| Lesotho | M | 220 V | 50 Hz |
| Liberia | A, B, C or F | 120 V / 220 V | 60 Hz |
| Libya | C or L | 230 V | 50 Hz |
| Liechtenstein | C or J | 230 V | 50 Hz |

Electrical Power Standards by Country

| Country or Area | Type of Plug | Voltage | Frequency |
|---------------------------------|--------------------|---------|-----------|
| Lithuania | C or F | 230 V | 50 Hz |
| Luxembourg | C or F | 230 V | 50 Hz |
| Macau | G | 220 V | 50 Hz |
| Macedonia, North | C or F | 230 V | 50 Hz |
| Madagascar | C or E | 220 V | 50 Hz |
| Madeira | C or F | 230 V | 50 Hz |
| Malawi | G | 230 V | 50 Hz |
| Malaysia | G | 240 V | 50 Hz |
| Maldives | C, D, G, J, K or L | 230 V | 50 Hz |
| Mali | C or E | 220 V | 50 Hz |
| Malta | G | 230 V | 50 Hz |
| Marshall Islands | A or B | 120 V | 60 Hz |
| Martinique | C, D or E | 220 V | 50 Hz |
| Mauritania | C | 220 V | 50 Hz |
| Mauritius | C or G | 230 V | 50 Hz |
| Mayotte | C or E | 230 V | 50 Hz |
| Mexico | A or B | 120 V | 60 Hz |
| Micronesia, Federated States of | A or B | 120 V | 60 Hz |
| Moldova | C or F | 230 V | 50 Hz |
| Monaco | C, E or F | 230 V | 50 Hz |
| Mongolia | C or E | 230 V | 50 Hz |
| Montenegro | C or F | 230 V | 50 Hz |
| Montserrat | A or B | 230 V | 60 Hz |
| Morocco | C or E | 220 V | 50 Hz |
| Mozambique | C, F or M | 220 V | 50 Hz |
| Myanmar or Burma | A, C, D, G or I | 230 V | 50 Hz |
| Namibia | D or M | 220 V | 50 Hz |
| Nauru | I | 240 V | 50 Hz |
| Nepal | C, D or M | 230 V | 50 Hz |
| Netherlands | C or F | 230 V | 50 Hz |
| New Caledonia | C or F | 220 V | 50 Hz |
| New Zealand | I | 230 V | 50 Hz |
| Nicaragua | A or B | 120 V | 60 Hz |
| Niger | C, D, E or F | 220 V | 50 Hz |
| Nigeria | D or G | 230 V | 50 Hz |
| Niue | I | 230 V | 50 Hz |
| Norfolk Island | I | 230 V | 50 Hz |
| Northern Ireland | G | 230 V | 50 Hz |
| North Korea | C | 220 V | 50 Hz |
| North Macedonia | C or F | 230 V | 50 Hz |
| Norway | C or F | 230 V | 50 Hz |
| Oman | G | 240 V | 50 Hz |
| Pakistan | C or D | 230 V | 50 Hz |
| Palau | A or B | 120 V | 60 Hz |

Electrical Power Standards by Country

| Country or Area | Type of Plug | Voltage | Frequency |
|----------------------------------|---------------|---------------|-----------|
| Palestine | C or H | 230 V | 50 Hz |
| Panama | A or B | 120 V | 60 Hz |
| Papua New Guinea | I | 240 V | 50 Hz |
| Paraguay | C | 220 V | 50 Hz |
| Peru | A, B or C | 220 V | 60 Hz |
| Philippines | A, B or C | 220 V | 60 Hz |
| Pitcairn Islands | I | 230 V | 50 Hz |
| Poland | C or E | 230 V | 50 Hz |
| Portugal | C or F | 230 V | 50 Hz |
| Puerto Rico | A or B | 120 V | 60 Hz |
| Qatar | G | 240 V | 50 Hz |
| Réunion | C or E | 230 V | 50 Hz |
| Romania | C or F | 230 V | 50 Hz |
| Russia | C or F | 220 V | 50 Hz |
| Rwanda | C, E, F or G | 230 V | 50 Hz |
| Saba | A or B | 110 V | 60 Hz |
| Saint Barthélemy aka Saint Barts | C or E | 230 V | 60 Hz |
| Saint Kitts and Nevis | D or G | 230 V | 60 Hz |
| Saint Lucia | G | 230 V | 50 Hz |
| Saint Martin | C or E | 220 V | 60 Hz |
| Saint Helena | G | 230 V | 50 Hz |
| Sint Eustatius | A, B, C or F | 110 V / 220 V | 60 Hz |
| Sint Maarten | A or B | 110 V | 60 Hz |
| Saint Vincent and the Grenadines | A, B or G | 110 V / 230 V | 50 Hz |
| Samoa | I | 230 V | 50 Hz |
| San Marino | C, F or L | 230 V | 50 Hz |
| São Tomé and Príncipe | C or F | 230 V | 50 Hz |
| Saudi Arabia | G | 220 V | 60 Hz |
| Scotland | G | 230 V | 50 Hz |
| Senegal | C , D, E or K | 230 V | 50 Hz |
| Serbia | C or F | 230 V | 50 Hz |
| Seychelles | G | 240 V | 50 Hz |
| Sierra Leone | D or G | 230 V | 50 Hz |
| Singapore | G | 230 V | 50 Hz |
| Slovakia | C or E | 230 V | 50 Hz |
| Slovenia | C or F | 230 V | 50 Hz |
| Solomon Islands | G or I | 230 V | 50 Hz |
| Somalia | G | 220 V | 50 Hz |
| South Africa | C, M or N | 230 V | 50 Hz |
| South Korea | F | 220 V | 60 Hz |
| South Sudan | C or D | 230 V | 50 Hz |
| Spain | C or F | 230 V | 50 Hz |
| Sri Lanka | G | 230 V | 50 Hz |
| Sudan | C or D | 230 V | 50 Hz |

Electrical Power Standards by Country

| Country or Area | Type of Plug | Voltage | Frequency |
|------------------------------|--------------|---------------|---------------|
| Suriname | A, B, C or F | 127 V / 220 V | 60 Hz |
| Swaziland | M | 230 V | 50 Hz |
| Sweden | C or F | 230 V | 50 Hz |
| Switzerland | C or J | 230 V | 50 Hz |
| Syria | C, E or L | 220 V | 50 Hz |
| Tahiti | C or E | 220 V | 50 Hz / 60 Hz |
| Taiwan | A or B | 110 V | 60 Hz |
| Tajikistan | C or F | 220 V | 50 Hz |
| Tanzania | D or G | 230 V | 50 Hz |
| Thailand | A, B, C or O | 230 V | 50 Hz |
| Togo | C | 220 V | 50 Hz |
| Tokelau | I | 230 V | 50 Hz |
| Tonga | I | 240 V | 50 Hz |
| Trinidad & Tobago | A or B | 115 V | 60 Hz |
| Tunisia | C or E | 230 V | 50 Hz |
| Turkey | C or F | 230 V | 50 Hz |
| Turkmenistan | C or F | 220 V | 50 Hz |
| Turks and Caicos Islands | A or B | 120 V | 60 Hz |
| Tuvalu | I | 230 V | 50 Hz |
| Uganda | G | 240 V | 50 Hz |
| Ukraine | C or F | 230 V | 50 Hz |
| United Arab Emirates | G | 230 V | 50 Hz |
| United Kingdom | G | 230 V | 50 Hz |
| United States of America | A or B | 120 V | 60 Hz |
| United States Virgin Islands | A or B | 110 V | 60 Hz |
| Uruguay | C, F or L | 220 V | 50 Hz |
| Uzbekistan | C or F | 220 V | 50 Hz |
| Vanuatu | I | 230 V | 50 Hz |
| Vatican City | C, F or L | 230 V | 50 Hz |
| Venezuela | A or B | 120 V | 60 Hz |
| Vietnam | A, B or C | 220 V | 50 Hz |
| Virgin Islands | A or B | 110 V | 60 Hz |
| Wales | G | 230 V | 50 Hz |
| Western Sahara | C or E | 220 V | 50 Hz |
| Yemen | A, D or G | 230 V | 50 Hz |
| Zambia | C, D or G | 230 V | 50 Hz |
| Zimbabwe | D or G | 240 V | 50 Hz |