

COUNTRY	VOLTAGE	FREQUENCY	COMMENTS
Afghanistan	220V	50 Hz	* A UN correspondent reports C and F common in Kabul, but its likely a variety of plugs may be
Albania	220V*	50 Hz	*Voltage variations common
Algeria	230V	50 Hz	*A variation of Type C with a ground post offset about 1/2-inch from center may also be found.
American Samoa	120V	60 Hz	
Andorra	230V	50Hz	
Angola	220V	50 Hz	
Anguilla	110V	60Hz	
Antigua	230V*	60 Hz	*Airport area is reportedly Antigua power is 110V.
Argentina	220V	50 Hz	*Neutral and line wires are reversed from that used in Australia and elsewhere.
Armenia	220V	50 Hz	
Aruba	127V*	60 Hz	*Lago Colony 115V
			*Outlets typically controlled by adjacent switch. Though <i>nominal</i> voltage has been officially changed to 230V, 240V is within tolerances and commonly found.
Australia	230V*	50 Hz	
Austria	230V	50 Hz	
Azerbaijan	220V	50 Hz	
Azores	220V*	50 Hz	*Ponta Delgada 110V; to be converted to 220V
Bahamas	120V	60 Hz	
Bahrain	230V*	50 Hz*	*Awali 110V, 60 Hz
Balearic Islands	220V	50 Hz	
Bangladesh	220V	50 Hz	
Barbados	115V	50 Hz	
Belarus	220V	50 Hz	
			Notes from correspondents: a 'C' style plug can be used with 'E' and 'F' receptacles. All double-insulated appliances are indeed fitted with a 'C' plug, and can be used in any compatible receptacle (C E F and narrow L). Type C receptacles are prohibited in Belgium.
Belgium	230V	50 Hz	
Belize	110/220V	60 Hz	
Benin	220V	50 Hz	
Bermuda	120V	60 Hz	
Bhutan	230V	50 Hz	Type M plugs also identified by some sources.
Bolivia	220/230V*	50 Hz	*La Paz & Viacha 115V
Bosnia	220V	50 Hz	
Botswana	231V	50 Hz	

Brazil	110/220V*	60 Hz	*127V found in states of Bahia, Paraná (including Curitiba), Rio de Janeiro, São Paulo and Minas Gerais (though 220V may be found in some hotels). Other areas are 220V only, with the exception of Fortaleza (240V). Outlets (click for more) are often a combination of type A and C and can accept either type plug.
Brunei	240V	50 Hz	
Bulgaria	230V	50 Hz	*Outlets are reported as type F, though both type C and F plugs may be encountered.
Burkina Faso	220V	50 Hz	
Burundi	220V	50 Hz	
Cambodia	230V	50 Hz	*Some outlets are a combination of type A and C and can accept either type plug. Plug G may be found in some hotels.
Cameroon	220V	50 Hz	
Canada	120V	60 Hz	
Canary Islands	220V	50 Hz	Type L plugs/outlets may have different pin spacing. The smaller and closer pins are for a rated current of 10 A, the bigger and wider pins are for a rated current of 16 A.
Cape Verde	220V	50 Hz	
Cayman Islands	120V	60 Hz	
Central African Republic	220V	50 Hz	
Chad	220V	50Hz	
Channel Islands	230V	50 Hz	
Chile	220V	50 Hz	
China, People's Republic of	220V	50 Hz	The "official" plug type is like type A but slightly shorter and without holes in blades. Type A and I outlets are common, and Type G might also be found. Click here for photos and more info.
Colombia	110V	60Hz	
Comoros	220V	50 Hz	
Congo, People's Rep. of	230V	50 Hz	
Congo, Dem. Rep. of ( <i>former Zaire</i> )	220V	50 Hz	
Cook Islands	240V	50 Hz	
Costa Rica	120V	60 Hz	
Côte d'Ivoire (Ivory Coast)	220V	50 Hz	
Croatia	230V	50Hz	
Cuba	110/220V	60Hz	Most older hotels 110V. Some newer hotels 220V. Some outlets are a combination of type A and C and can accept either type plug.

Cyprus	240V	50 Hz	
Czech Republic	230V	50 Hz	
Denmark	230V	50 Hz	Denmark's connectors have slight differences from those used elsewhere. While pin diameter and spacing is standard, outlets may have different housing depths which could interfere with standard adaptors -- one report says this is due to "childproofing." Also, Plug C fits into K-type outlets (but not vice versa).
Djibouti	220V	50 Hz	
Dominica	230V	50 Hz	
Dominican Republic	110V	60 Hz	Type J may exist in some hotels.
East Timor	220V	50 Hz	A UN correspondent reports "power is poor in the country with frequent brownouts and blackouts. I suspect that surges are frequent as we go through a lot of surge-protecting power bars." Further he reports than Type I is common as much construction is done by Australians; type C is common in building built during Indonesian occupation; type E is less common; type F is common in offices but not hotels.
Ecuador	120-127V	60 Hz	
Egypt	220V	50 Hz	
El Salvador	115V	60 Hz	
England (See United Kingdom)			
Equatorial Guinea	220V*	50 Hz	*Voltage varies between 150 & 175V with frequent outages
Eritrea	230V	50 Hz	
Estonia	230V	50 Hz	Type C may be found in older buildings. Type E plugs may work in either C or F type outlets.
Ethiopia	220V	50 Hz	
Faeroe Islands	220V	50 Hz	
Falkland Islands	240V	50 Hz	
Fiji	240V	50 Hz	
Finland	230V	50 Hz	
France	230V	50 Hz	Type C plugs may be found on some appliances, and will fit the Type E outlet. Type C outlets may be found in older buildings. Type A may be found in older buildings but is illegal.
French Guiana	220V	50 Hz	
Gaza	230V	50 Hz	
Gabon	220V	50 Hz	

Gambia	230V	50 Hz	
Germany	230V	50 Hz	
Ghana	230V	50 Hz	
Gibraltar	240V	50 Hz	
Great Britain (See United Kingdom)			
Greece	220V	50 Hz	
Greenland	220V	50 Hz	
Grenada (Windward Is.)	230V	50 Hz	
Guadeloupe	230V	50 Hz	
Guam	110V	60Hz	
Guatemala	120V	60 Hz	
Guinea	220V	50 Hz	
Guinea-Bissau	220V	50 Hz	
Guyana	240V*	60 Hz*	*Inside the capital city of Georgetown, both 120V and 240V at either 50 or 60Hz are found, depending on the part of the city (50Hz most common). Actual voltage may vary from area to area.
Haiti	110V	60 Hz	
Honduras	110V	60 Hz	
Hong Kong	220V*	50 Hz	Type G replaced by Type M but still found.
Hungary	230V	50 Hz	
Iceland	220V	50 Hz	
India	230V	50 Hz	
Indonesia	127/230V*	50 Hz	*Conversion to 230V in progress; complete in principal cities
Iran	230V	50 Hz	
Iraq	230V	50 Hz	
Ireland (Eire)	230	50 Hz	Type F once common and may be occasionally found.
Isle of Man	240V	50 Hz	
Israel	230V	50 Hz	*Many (but not all) modern electric outlets in Israel have larger holes that accept both Type H and C plugs. Some extension cords and older outlets accept only the Type H plug. One correspondent estimates a 50-70% chance that a randomly selected outlet will accept Type C.
Italy	230V	50 Hz	Type L plugs/outlets may have different pin spacing. The smaller and closer pins are for a rated current of 10 A, the bigger and wider pins are for a rated current of 16 A. Both kinds are currently used and comply to the relevant Italian (CEI) regulations. Some outlets have overlapping holes to accept either older or newer types.

Ivory Coast (See Côte d'Ivoire)			
Jamaica	110V	50 Hz	
Japan	100V	50/60 Hz*	*Eastern Japan 50 Hz (Tokyo, Kawasaki, Sapporo, Yokohama, and Sendai); Western Japan 60 Hz (Osaka, Kyoto, Nagoya, Hiroshima)
Jordan	230V	50 Hz	*Type C may be found in some hotels.
Kenya	240V	50 Hz	
Kazakhstan	220V	50 Hz	
Kiribati	240V	50 Hz	
Korea, South	220V	60 Hz	*Type F likely to be found in offices and hotels. 110V power with plugs A & B was previously used but is being phased out. Older buildings may still have this, and some hotels offer both 110V and 220V service.
Kuwait	240V	50 Hz	
Laos	230V	50 Hz	
Latvia	220V	50 Hz	
Lebanon	110/220V	50 Hz	
Lesotho	220V	50 Hz	
Liberia	120V	60 Hz	
Libya	127V*	50 Hz	*Barce, Benghazi, Derna, Sebha & Tobruk 230V
Lithuania	220V	50 Hz	
Liechtenstein	230V	50 Hz	
Luxembourg	220V	50 Hz	
Macau	220V	50 Hz	
Macedonia	220V	50 Hz	
Madagascar	220V	50 Hz	
Madeira	220V	50 Hz	
Malawi	230V	50 Hz	
Malaysia	240V	50 Hz	
Maldives	230V	50 Hz	
Mali	220V	50 Hz	
Malta	240V	50 Hz	
Martinique	220V	50 Hz	
Mauritania	220V	50 Hz	
Mauritius	230V	50 Hz	
Mexico	127V	60 Hz	
Micronesia (Federal States of)	120V	60 Hz	
Monaco	127/220V	50 Hz	
Mongolia	230V		
Montserrat (Leeward Is.)	230V	60 Hz	
Morocco	127/220V*	50 Hz	*Conversion to 220V only underway

Mozambique	220V	50 Hz	*Type M found especially near the border with South Africa, including the capitol, Maputo.
Myanmar (formerly Burma)	230V	50 Hz	Type G* found primarily in better hotels. Also, many of major hotels chains are said to have multipurpose outlets, which will take Australian 3-pin plugs and perhaps other types.
Namibia	220V	50 Hz	
Nauru	240V	50 Hz	
Nepal	230V	50 Hz	
Netherlands	230V	50 Hz	
Netherlands Antilles	127/220V*	50 Hz	*St. Martin 120V 60 Hz; Saba &(St. Eustatius 110V 60 Hz A, maybe B
New Caledonia	220V	50 Hz	
New Zealand	230V	50 Hz	
Nicaragua	120V	60 Hz	
Niger	220V	50 Hz	
Nigeria	240V	50 Hz	
Northern Ireland (see United Kingdom)			
Norway	230V	50 Hz	
Okinawa	100V*	60 Hz	*Military facilities 120V
Oman	240V*	50 Hz	*Voltage variations common
Pakistan	230V	50 Hz	
Palmyra Atoll	120V	60Hz	
Panama	110V*	60 Hz	*Panama City 120V
Papua New Guinea	240V	50 Hz	
Paraguay	220V	50 Hz	
Peru	220V*	60 Hz*	*Talara 110/220V; Arequipa 50 Hz
Philippines	220V	60 Hz	
Poland	230V	50 Hz	
Portugal	230V	50 Hz	
Puerto Rico	120V	60 Hz	
Qatar	240V	50 Hz	
Réunion Island	220V	50Hz	
Romania	230V	50 Hz	
Russian Federation	220V	50 Hz	A correspondent notes: "Plug type E can also be used (because the mains outlets do not have the protruding pin). Plug type F can sometimes be used but with reservation because in many places the mains outlet will not allow to connect such plug as the outlets have smaller hole diameters than F-plug pins.
Rwanda	230V	50 Hz	
St. Kitts and Nevis (Leeward Is.)	230V	60 Hz	

St. Lucia (Windward Is.)	240V	50 Hz	
St. Vincent (Windward Is.)	230V	50 Hz	
Saudi Arabia	127/220V	60 Hz	
Scotland (See United Kingdom)			
Senegal	230V	50 Hz	
Serbia- Montenegro	220V	50 Hz	
Seychelles	240V	50 Hz	
Sierra Leone	230V	50 Hz	
Singapore	230V	50 Hz	Type A adaptors are widely available from shops as an extension set of 2 to 5 sets of sockets; most commonly used for audio and video equipment.
Slovak Republic	230V	50 Hz	
Slovenia	220V	50 Hz	
Somalia	220V*	50 Hz	*Berbera 230V; Merca 110/220V
South Africa	220/230V*	50 Hz	*Grahamstad & Port Elizabeth 250V; also found in King Williams ** Types C & G can also be found in some areas.
Spain	230V	50 Hz	
Sri Lanka	230V	50 Hz	
Sudan	230V	50 Hz	
Suriname	127V	60 Hz	
Swaziland	230V	50 Hz	
Sweden	230V	50 Hz	
Switzerland	230V	50 Hz	Type C plugs are common on appliances, and will fit the Type J outlet.
Syria	220V	50 Hz	
Tahiti	110/220V	60 Hz	Information is based mainly on hotel experiences reported by travelers.
Tajikistan	220V	50 Hz	
Taiwan	110V	60 Hz	
Tanzania	230V	50 Hz	
Thailand	220V	50 Hz	*Some outlets are a combination of type A and C and can accept either type plug.
Togo	220V*	50 Hz	*Lome 127V
Tonga	240V	50 Hz	
Trinidad & Tobago	115V	60 Hz	
Tunisia	230V	50 Hz	
Turkey	230V	50 Hz	
Turkmenistan	220V	50 Hz	
Uganda	240V	50 Hz	
Ukraine	220V	50 Hz	

United Arab Emirates	220V*	50 Hz	
			*Outlets typically controlled by adjacent switch.
United Kingdom	230V*	50 Hz	Though <i>nominal</i> voltage has been officially changed to 230V, 240V is within tolerances and commonly found.
United States of America	120V	60 Hz	
Uruguay	220V	50 Hz	Type F becoming more common as a result of computer use. *Neutral and line wires are reversed from that used in Australia and elsewhere. <a href="#">Click here for more.</a>
Uzbekistan	220V	50 Hz	
Vanuatu	230V	50 Hz	Some Type G may linger from British Colonial period, but are a rarity.
Venezuela	120V	60 Hz	
Vietnam	127/220V*	50 Hz	*To be standardized at 220V. Type G found in newer hotels, primarily those built by Singaporean and Hong Kong developers.
Virgin Islands (British and U.S.)	115V	60 Hz	
Wales (See United Kingdom)			
Western Samoa	230V	50 Hz	
Yemen, Rep. of	220/230V	50 Hz	
Yugoslavia (Former)	220V	50 Hz	
Zambia	230V	50 Hz	
Zimbabwe	220V	50 Hz	