

Tabella tipologie spine

PAESI	VOLTAGGIO	FREQUENZA	TIPO DI SPINE
Afghanistan	220 V	50 Hz	C / F
Albania	230 V	50 Hz	C / F
Algeria	230 V	50 Hz	C / F
American Samoa	120 V	60 Hz	A / B / F / I
Andorra	230 V	50 Hz	C / F
Angola	220 V	50 Hz	C
Anguilla	110 V	60 Hz	A
Antigua	230 V	60 Hz	A / B
Argentina	220 V	50 Hz	C / I *
Armenia	230 V	50 Hz	C / F
Aruba	120 V	60 Hz	A / B / F
Australia	240 V	50 Hz	I
Austria	230 V	50 Hz	C / F
Azerbaijan	220 V	50 Hz	C / F
Azores	230 V	50 Hz	B / C / F
Bahamas	120 V	60 Hz	A / B
Bahrain	230 V	50 Hz	G
Balearic Islands	230 V	50 Hz	C / F
Bangladesh	220 V	50 Hz	C / D / G / K
Barbados	115 V	50 Hz	A / B
Belarus	230 V	50 Hz	C / F
Belgium	230 V	50 Hz	E
Belize	110 V / 220 V	60 Hz	B / G
Benin	220 V	50 Hz	E
Bermuda	120 V	60 Hz	A / B
Bhutan	230 V	50 Hz	D / F / G
Bolivia	230 V	50 Hz	A / C
Bosnia & Herzegovina	230 V	50 Hz	C / F
Botswana	230 V	50 Hz	D / G
Brazil	127 V / 220 V*	60 Hz	A / B / C / I
Brunei	240 V	50 Hz	G
Bulgaria	230 V	50 Hz	C / F
Burkina Faso	220 V	50 Hz	C / E
Burundi	220 V	50 Hz	C / E
Cambodia	230 V	50 Hz	A / C / G
Cameroon	220 V	50 Hz	C / E
Canada	120 V	60 Hz	A / B
Canary Islands	230 V	50 Hz	C / E / L
Cape Verde	230 V	50 Hz	C / F

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Cayman Islands	120 V	60 Hz	A / B
Central African Republic	220 V	50 Hz	C / E
Chad	220 V	50 Hz	D / E / F
Channel Islands (Guernsey & Jersey)	230 V	50 Hz	C / G
Chile	220 V	50 Hz	C / L
China, People's Republic of	220 V	50 Hz	A / I / G
Colombia	110 V	60 Hz	A / B
Comoros	220 V	50 Hz	C / E
Congo, People's Rep. of	230 V	50 Hz	C / E
Congo, Dem. Rep. of (formerly Zaire)	220 V	50 Hz	C / D
Cook Islands	240 V	50 Hz	I
Costa Rica	120 V	60 Hz	A / B
Côte d'Ivoire (Ivory Coast)	220 V	50 Hz	C / E
Croatia	230 V	50 Hz	C / F
Cuba	110 V / 220 V	60 Hz	A / B / C / L
Cyprus	230 V	50 Hz	G / F**
Czech Republic	230 V	50 Hz	E
Denmark	230 V	50 Hz	C / E / K
Djibouti	220 V	50 Hz	C / E
Dominica	230 V	50 Hz	D / G
Dominican Republic	110 V	60 Hz	A / B
East Timor	220 V	50 Hz	C / E / F / I
Ecuador	110 V	60 Hz	A / B
Egypt	220 V	50 Hz	C / F
El Salvador	115 V	60 Hz	A / B / C / D / E / F / G / I / J / L
Equatorial Guinea	220 V	50 Hz	C / E
Eritrea	230 V	50 Hz	C / L
Estonia	230 V	50 Hz	C / F
Ethiopia	220 V	50 Hz	C / F
Faeroe Islands	230 V	50 Hz	C / K

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Falkland Islands	240 V	50 Hz	G
Fiji	240 V	50 Hz	I
Finland	230 V	50 Hz	C / F
France	230 V	50 Hz	E
French Guyana	220 V	50 Hz	C / D / E
Gabon	220 V	50 Hz	C
Gambia	230 V	50 Hz	G
Gaza	230 V	50 Hz	H
Georgia	220 V	50 Hz	C / F
Germany	230 V	50 Hz	C / F
Ghana	230 V	50 Hz	D / G
Gibraltar	230 V	50 Hz	C / G
Greece	230 V	50 Hz	C / F
Greenland	230 V	50 Hz	C / K
Grenada (Windward Islands)	230 V	50 Hz	G
Guadeloupe	230 V	50 Hz	C / D / E
Guam	110 V	60 Hz	A / B
Guatemala	120 V	60 Hz	A / B / G / I
Guinea	220 V	50 Hz	C / F / K
Guinea-Bissau	220 V	50 Hz	C
Guyana	240 V	60 Hz	A / B / D / G
Haiti	110 V	60 Hz	A / B
Honduras	110 V	60 Hz	A / B
Hong Kong	220 V	50 Hz	G
Hungary	230 V	50 Hz	C / F
Iceland	230 V	50 Hz	C / F
India	230 V	50 Hz	C / D / M
Indonesia	230 V	50 Hz	C / F
Iran	230 V	50 Hz	C / F
Iraq	230 V	50 Hz	C / D / G
Ireland (Eire)	230 V	50 Hz	G
Isle of Man	230 V	50 Hz	C / G
Israel	230 V	50 Hz	H / C
Italy	230 V	50 Hz	C / F / L
Jamaica	110 V	50 Hz	A / B
Japan	100 V	50 Hz / 60 Hz**	A / B
Jordan	230 V	50 Hz	C / D / F / G / J
Kenya	240 V	50 Hz	G
Kazakhstan	220 V	50 Hz	C / F

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Kiribati	240 V	50 Hz	I
Korea, North	110 V / 220 V	60 Hz	A / C
Korea, South	110V / 220 V	60 Hz	A / B / C / F
Kuwait	240 V	50 Hz	C / G
Kyrgyzstan	220 V	50 Hz	C / F
Laos	230 V	50 Hz	A / B / C / E / F
Latvia	230 V	50 Hz	C / F
Lebanon	230 V	50 Hz	C / D / G
Lesotho	220 V	50 Hz	M
Liberia	120 V	60 Hz	A / B
Libya	127 V / 230 V	50 Hz	D / F
Liechtenstein	230 V	50 Hz	J
Lithuania	230 V	50 Hz	C / F
Luxembourg	230 V	50 Hz	C / F
Macau	220 V	50 Hz	D / G
Macedonia	230 V	50 Hz	C / F
Madagascar	127 V / 220 V	50 Hz	C / D / E / J / K
Madeira	230 V	50 Hz	C / F
Malawi	230 V	50 Hz	G
Malaysia	240 V	50 Hz	G
Maldives	230 V	50 Hz	D / G / J / K / L
Mali	220 V	50 Hz	C / E
Malta	230 V	50 Hz	G
Martinique	220 V	50 Hz	C / D / E
Mauritania	220 V	50 Hz	C
Mauritius	230 V	50 Hz	C / G
Mexico	127 V	60 Hz	A
Micronesia, Federal States of	120 V	60 Hz	A / B
Moldova	230 V	50 Hz	C / F
Monaco	230 V	50 Hz	C / D / E / F
Mongolia	230 V	50 Hz	C / E
Montenegro	230 V	50 Hz	C / F
Montserrat (Leeward Islands)	230 V	60 Hz	A / B
Morocco	220 V	50 Hz	C / E
Mozambique	220 V	50 Hz	C / F / M
Myanmar (formerly Burma)	230 V	50 Hz	C / D / F / G
Namibia	220 V	50 Hz	D / M
Nauru	240 V	50 Hz	I

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Nepal	230 V	50 Hz	C / D / M
Netherlands	230 V	50 Hz	C / F
Netherlands Antilles	127 V / 220 V	50 Hz	A / B / F
New Caledonia	220 V	50 Hz	F
New Zealand	240 V	50 Hz	I
Nicaragua	120 V	60 Hz	A
Niger	220 V	50 Hz	A / B / C / D / E / F
Nigeria	230 V	50 Hz	D / G
Norway	230 V	50 Hz	C / F
Oman	240 V	50 Hz	C / G
Pakistan	230 V	50 Hz	C / D
Palau	120 V	60 Hz	A / B
Panama	110 V	60 Hz	A / B
Papua New Guinea	240 V	50 Hz	I
Paraguay	220 V	50 Hz	C
Peru	220 V	60 Hz	A / B / C
Philippines	220 V	60 Hz	A / B / C
Poland	230 V	50 Hz	C / E
Portugal	230 V	50 Hz	C / F
Puerto Rico	120 V	60 Hz	A / B
Qatar	240 V	50 Hz	D / G
Réunion Island	230 V	50 Hz	E
Romania	230 V	50 Hz	C / F
Russian Federation	230 V	50 Hz	C / F
Rwanda	230 V	50 Hz	C / J
St. Kitts and Nevis (Leeward Islands)	230 V	60 Hz	D / G
St. Lucia (Windward Islands)	230 V	50 Hz	G
St. Vincent (Windward Islands)	230 V	50 Hz	A / C / E / G / I / K
Samoa	230 V	50 Hz	I
San Marino	230 V	50 Hz	F / L
Saudi Arabia	110 V / 220 V***	60 Hz	A / B / C / G
Senegal	230 V	50 Hz	C / D / E / K
Serbia	230 V	50 Hz	C / F
Seychelles	240 V	50 Hz	G

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Sierra Leone	230 V	50 Hz	D / G
Singapore	230 V	50 Hz	G
Slovakia	230 V	50 Hz	E
Slovenia	230 V	50 Hz	C / F
Somalia	220 V	50 Hz	C
South Africa	230 V	50 Hz	D / M ***
Spain	230 V	50 Hz	C / F
Sri Lanka	230 V	50 Hz	D / G / M
Sudan	230 V	50 Hz	C / D
Suriname	127 V	60 Hz	C / F
Swaziland	230 V	50 Hz	M
Sweden	230 V	50 Hz	C / F
Switzerland	230 V	50 Hz	J
Syria	220 V	50 Hz	C / E / L
Tahiti	220 V	50 Hz / 60 Hz****	C / E
Tajikistan	220 V	50 Hz	C / F
Taiwan	110 V	60 Hz	A / B
Tanzania	230 V	50 Hz	D / G
Thailand	220 V	50 Hz	A / B / C
Togo	220 V	50 Hz	C
Tonga	240 V	50 Hz	I
Trinidad & Tobago	115 V	60 Hz	A / B
Tunisia	230 V	50 Hz	C / E
Turkey	230 V	50 Hz	C / F
Turkmenistan	220 V	50 Hz	C / F
Uganda	240 V	50 Hz	G
Ukraine	230 V	50 Hz	C / F
United Arab Emirates	240 V	50 Hz	G
United Kingdom	230 V	50 Hz	G
United States of America	120 V	60 Hz	A / B
Uruguay	220 V	50 Hz	C / F / I / L
Uzbekistan	220 V	50 Hz	C / F
Venezuela	120 V	60 Hz	A / B
Vietnam	220 V	50 Hz	A / C / G
Virgin Islands	110 V	60 Hz	A / B
Yemen, Rep. of	230 V	50 Hz	A / D / G
Zambia	230 V	50 Hz	C / D / G
Zimbabwe	240 V	50 Hz	D / G

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* Brasile: non esiste uno standard della tensione elettrica. In molte zone viene utilizzata elettricità a 127 V, in altre zone invece si usa elettricità a 220 V.

** Giappone: vengono utilizzate due differenti frequenze per l'energia elettrica: nel Giappone est si utilizzano prevalentemente i 50 Hz, nel Giappone Ovest invece si utilizzano i 60 Hz.

*** Arabia Saudita: nella maggior parte del paese si utilizzano i 110 V, tuttavia in alcune zone, specialmente negli hotels, è possibile trovare i 220V.

**** Tahiti: si utilizza la frequenza di 60 Hz, eccetto nell'arcipelago delle Isole Marchesi, dove si trovano i 50 Hz.