

Magellan's Adaptor Plugs:

Socket Shape	A	C	D	E	F	H	I	J	K	S
Grounded Plug Pattern										
Non-Grounded Plug Pattern					Use Grounded Plug EA23MFG	Use Grounded Plug EA23MHG				
	EA23MAG	EA23MCG	EA23MDG	EA23MEG	EA23MFG	EA23MHG	EA23MIG	EA23MJG	EA23MKG	EA23MSG
	EA351A	EA351C	EA351D	EA351E	Use Grounded Plug EA23MFG	Use Grounded Plug EA23MHG	EA351D	EA351D	EA351D	EA351D

Electrical Standards by Country:

Country	Voltage/Freq	Socket	Non-Grounded Adaptors	Grounded Adaptors	Notes	Country	Voltage/Freq	Socket	Non-Grounded Adaptors	Grounded Adaptors	Notes	Country	Voltage/Freq	Socket	Non-Grounded Adaptors	Grounded Adaptors	Notes
Afghanistan	220/50	F		EA23MFG		Guyana	120/50	C	EA351C	EA23MCG		Poland	220/50	D	EA351D	EA23MDG	1
		D	EA351D	EA23MDG			240/50	A	EA351A	EA23MAG		Portugal	220/50	D	EA351D	EA23MDG	
Albania	220/50	D	EA351D	EA23MDG			F		EA23MFG				F		EA23MFG		
Algeria	220/50	F		EA23MFG		Haiti	110/60	A	EA351A	EA23MAG		Puerto Rico	120/60	A	EA351A	EA23MAG	
		D	EA351D	EA23MDG		Honduras	110/60	A	EA351A	EA23MAG		Qatar	240/50	C	EA351C	EA23MCG	
Andorra	220/50	D	EA351D	EA23MDG		Hong Kong	230/50	C	EA351C	EA23MCG			F		EA23MFG		
Angola	220/50	D	EA351D	EA23MDG	1	Hungary	220/50	D	EA351D	EA23MDG		Romania	220/50	D	EA351D	EA23MDG	1
Antigua	230/60	C	EA351C	EA23MCG		Iceland	220/50	D	EA351D	EA23MDG		Russia	220/50	D	EA351D	EA23MDG	1
	110/60	A	EA351A	EA23MAG		India	230/50	F		EA23MFG	1	Rwanda	220/50	D	EA351D	EA23MDG	1
Argentina	220/50	E	EA351E	EA23MEG	1		C	EA351C	EA23MCG		St. Kitts-Nevis	220/60	C	EA351C	EA23MCG		
		D	EA351D	EA23MDG		Indonesia	220/50	D	EA351D	EA23MDG	1		F		EA23MFG		
Armenia	220/50	D	EA351D	EA23MDG			D	EA351D	EA23MDG		St. Lucia	240/50	C	EA351C	EA23MCG		
Australia	240/50	E	EA351E	EA23MEG		Iran	220/50	D	EA351D	EA23MDG	1	St. Maarten	220/50	D	EA351D	EA23MDG	
Austria	220/50	D	EA351D	EA23MDG	1	Iraq	220/50	C	EA351C	EA23MCG		St. Vincent/Grenadines	220/50	C	EA351C	EA23MCG	
Azerbaijan	220/50	D	EA351D	EA23MDG			D	EA351D	EA23MDG			A	EA351A	EA23MAG			
		F		EA23MFG		Ireland, Northern	220/50	C	EA351C	EA23MCG		Samoa, American	120/60	A	EA351A	EA23MAG	1
Bahamas	120/60	A	EA351A	EA23MAG			D	EA351D	EA23MDG			220/50	E	EA351E	EA23MEG		
Bahrain	220/50	C	EA351C	EA23MCG		Ireland, Republic of	230/50	C	EA351C	EA23MCG		Samoa, Western	220/50	E	EA351E	EA23MEG	
		F		EA23MFG		Israel	230/50	D	EA351D	EA23MCG		San Marino	220/50	D	EA351D	EA23MDG	
Bangladesh	220/50	F		EA23MFG		Italy	220/50	D	EA351D	EA23MCG	1	Sao Tome and Principe	220/50	D	EA351D	EA23MDG	
		D	EA351D	EA23MDG				D	EA351D	EA23MDG		Saudi Arabia	110/60	A	EA351A	EA23MAG	
		C	EA351C	EA23MCG		Ivory Coast	220/50	D	EA351D	EA23MDG	1		220/50	D	EA351D	EA23MDG	
		A	EA351A	EA23MAG		Jamaica	110/50	A	EA351A	EA23MAG		Scotland	220/50	C	EA351C	EA23MCG	
Barbados	115/50	A	EA351A	EA23MAG		Japan	100/60	A	EA351A	EA23MAG	1	Senegal	220/50	D	EA351D	EA23MDG	
Belarus	220/50	D	EA351D	EA23MDG		Okinawa Prefectorate	100/60	A	EA351A	EA23MAG			F		EA23MFG		
Belgium	230/50	D	EA351D	EA23MDG	1		E	EA351E	EA23MEG		Serbia/Montenegro	220/50	D	EA351D	EA23MDG	1	
Belize	110/60	A	EA351A	EA23MAG		Jordan	220/50	C	EA351C	EA23MCG		Seychelles	220/50	C	EA351C	EA23MCG	
	220/60	C	EA351C	EA23MCG			D	EA351D	EA23MDG			F		EA23MFG			
Benin	220/50	F		EA23MFG		Kampuchea	220/50	D	EA351D	EA23MDG	1	Sierra Leone	220/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG			110/60	A	EA351A	EA23MAG			F		EA23MFG		
Bermuda	120/60	C	EA351C	EA23MCG		Kazakhstan	220/50	D	EA351D	EA23MDG		Singapore	230/50	C	EA351C	EA23MCG	1
		A	EA351A	EA23MAG		Kenya	220/50	C	EA351C	EA23MCG		Slovak Republic	220/50	D	EA351D	EA23MDG	
Bhutan	220/50	F		EA23MFG			F		EA23MFG		Slovenia	220/50	D	EA351D	EA23MDG		
		C	EA351C	EA23MCG		Kiribati	220/50	E	EA351E	EA23MEG		Solomon Islands	220/50	E	EA351E	EA23MEG	
		D	EA351D	EA23MDG			110/60	A	EA351A	EA23MAG		Somalia	220/50	D	EA351D	EA23MDG	1
Bolivia	110/50	A	EA351A	EA23MAG	1	Korea, Dem.	220/50	D	EA351D	EA23MDG		South Africa, Republic of	220/50	H	EA23MHG		
	220/50	D	EA351D	EA23MDG			110/60	A	EA351A	EA23MAG			C	EA351C	EA23MCG		
Bosnia/Herzegovina	220/50	D	EA351D	EA23MDG	1	Korea, Rep.	110/60	A	EA351A	EA23MAG		Spain	220/50	D	EA351D	EA23MDG	1
Botswana	220/50	C	EA351C	EA23MCG			220/60	D	EA351D	EA23MDG			110/50				
		F		EA23MFG		Kuwait	240/50	C	EA351C	EA23MCG		Sri Lanka	230/50	F		EA23MFG	
Brazil	110/60	A	EA351A	EA23MAG	1		D	EA351D	EA23MDG			D	EA351D	EA23MDG			
	220/60	D	EA351D	EA23MDG		Kyrgyz Rep.	220/50	D	EA351D	EA23MDG		Sudan	240/50	C	EA351C	EA23MCG	
Brunei	240/50	C	EA351C	EA23MCG			F		EA23MFG			D	EA351D	EA23MDG			
Bulgaria	220/50	D	EA351D	EA23MDG		Laos	220/50	A	EA351A	EA23MAG		Surinam	120/60	D	EA351D	EA23MDG	1
Burkina Faso	220/50	D	EA351D	EA23MDG			D	EA351D	EA23MDG		Swaziland	220/50	H	EA23MHG			
Burma	220/50	C	EA351C	EA23MCG	1	Latvia	220/50	D	EA351D	EA23MDG	1		D	EA351D	EA23MDG		
		D	EA351D	EA23MDG				D	EA351D	EA23MDG		Sweden	230/50	D	EA351D	EA23MDG	
Burundi	220/50	D	EA351D	EA23MDG				D	EA351D	EA23MDG							

Cambodia	220/50	D	EA351D	EA23MDG	1
	110/60	A	EA351A		
		C	EA351C	EA23MCG	
Cameroon	220/50	D	EA351D	EA23MDG	1
Canada	110/60	A	EA351A	EA23MAG	
Canary Islands	220/50	D	EA351D	EA23MDG	
Cape Verde, Republic of	220/50	D	EA351D	EA23MDG	
Cayman Islands	120/60	A	EA351A	EA23MAG	
Central African Republic	220/50	D	EA351D	EA23MDG	1
Chad	220/50	D	EA351D	EA23MDG	
		F	EA23MFG		
Chile	220/50	D	EA351D	EA23MIG	1
China	220/50	E	EA351E	EA23MEG	
		C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	
		A	EA351A		
Hong Kong Region	230/50	C	EA351C	EA23MCG	
		F	EA23MFG		
Colombia	110/60	A	EA351A	EA23MAG	1
Comoros	220/50	D	EA351D	EA23MDG	
Congo	220/50	D	EA351D	EA23MDG	1
Congo, Dem. Rep.	220/50	D	EA351D	EA23MDG	
Cook Islands	240/50	E	EA351E	EA23MEG	
Costa Rica	120/60	A	EA351A	EA23MAG	
Croatia	220/50	D	EA351D	EA23MDG	
Cuba	110/60	A	EA351A	EA23MAG	1
	220/60	D	EA351D	EA23MDG	
Cyprus	220/50	C	EA351C	EA23MCG	1
Czech Rep.	220/50	D	EA351D	EA23MDG	
Denmark	230/50	D	EA351D	EA23MKG	1
Djibouti	220/50	D	EA351D	EA23MDG	
Dominica	230/50	C	EA351C	EA23MCG	
		F	EA23MFG		
Dominican Republic	110/60	A	EA351A	EA23MAG	
Ecuador	120/60	A	EA351A	EA23MAG	1
Egypt	220/50	D	EA351D	EA23MDG	1
El Salvador	115/60	A	EA351A	EA23MAG	
		D	EA351D	EA23MDG	
England	220/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	1
Equatorial Guinea	220/50	D	EA351D	EA23MDG	1
Eritrea	220/50	D	EA351D	EA23MIG	1
Estonia	220/50	D	EA351D	EA23MDG	1
Ethiopia	220/50	D	EA351D	EA23MIG	
		F	EA23MFG		
Fiji	240/50	E	EA351E	EA23MEG	
Finland	220/50	D	EA351D	EA23MDG	
France	230/50	D	EA351D	EA23MDG	
French Guiana	220/50	D	EA351D	EA23MDG	1
French Polynesia	220/60	D	EA351D	EA23MDG	
	110/60	A	EA351A	EA23MAG	
Gabon	220/50	D	EA351D	EA23MDG	1
Gambia	220/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	
Georgia	230/50	D	EA351D	EA23MDG	
Germany	230/50	D	EA351D	EA23MDG	
Ghana	220/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	
		F	EA23MFG		
Gibraltar	240/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	
Greece	220/50	D	EA351D	EA23MDG	1
Greenland	220/50	D	EA351D	EA23MDG	
		D	EA351D	EA23MKG	
Grenada	220/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	
		F	EA23MFG		
Guadeloupe	220/50	D	EA351D	EA23MDG	1
Guam	110/60	A	EA351A	EA23MAG	
Guatemala	120/60	A	EA351A	EA23MAG	
Guinea	220/50	D	EA351D	EA23MDG	1
Guinea-Bissau	220/50	D	EA351D	EA23MDG	

Lebanon	220/50	D	EA351D	EA23MDG	1
		A	EA351A		
Lesotho	220/50	H		EA23MHG	
		D	EA351D	EA23MDG	
Liberia	120/60	C	EA351C	EA23MCG	
		A	EA351A		
Libya	127/50	D	EA351D	EA23MDG	
		F	EA23MFG		
Liechtenstein	220/50	D	EA351D	EA23MSG	
		D	EA351D	EA23MDG	1
Lithuania	220/50	D	EA351D	EA23MDG	
Luxembourg	220/50	D	EA351D	EA23MDG	1
		F	EA23MFG		
Macao	200/50	F	EA23MFG		
		C	EA351C	EA23MCG	
Macedonia	220/50	D	EA351D	EA23MDG	
Madagascar	220/50	D	EA351D	EA23MDG	1
		F	EA23MFG		
Madeira	220/50	F	EA23MFG		
		D	EA351D	EA23MDG	
Malawi	230/50	C	EA351C	EA23MCG	
Malaysia	240/50	C	EA351C	EA23MCG	
Maldives	220/50	F	EA23MFG		
		D	EA351D	EA23MDG	
Mali	220/50	A	EA351A		
		D	EA351D	EA23MDG	1
Malta	220/50	C	EA351C	EA23MCG	
Martinique	220/50	D	EA351D	EA23MDG	1
		F	EA23MFG		
Mauritania	220/50	D	EA351D	EA23MDG	1
Mauritius	220/50	C	EA351C	EA23MCG	
		D	EA351D	EA23MDG	
Mexico	120/60	A	EA351A	EA23MAG	
		A	EA351A	EA23MAG	
Micronesia	120/60	A	EA351A	EA23MAG	
Moldova	220/50	D	EA351D	EA23MDG	
Monaco	220/50	D	EA351D	EA23MDG	1
		F	EA23MFG		
Mongolia	220/50	D	EA351D	EA23MDG	1
Montserrat	230/60	A	EA351A	EA23MAG	1
Morocco	220/50	D	EA351D	EA23MDG	
		F	EA23MFG		
Mozambique	220/50	D	EA351D	EA23MDG	1
		H	EA23MHG		
Myanmar	220/50	C	EA351C	EA23MCG	1
		D	EA351D	EA23MDG	
		F	EA23MFG		
Namibia	220/50	D	EA351D	EA23MDG	
		H	EA23MHG		
Nauru	220/50	E	EA351E	EA23MEG	
Nepal	220/50	F	EA23MFG		
		D	EA351D	EA23MDG	
Netherlands	230/50	D	EA351D	EA23MDG	1
Neth. Antilles	220/50	D	EA351D	EA23MDG	1
		A	EA351A	EA23MAG	
New Caledonia	220/50	D	EA351D	EA23MDG	1
New Zealand	230/50	E	EA351E	EA23MEG	
Nicaragua	120/60	A	EA351A	EA23MAG	
Niger	220/50	D	EA351D	EA23MDG	1
		C	EA351C	EA23MCG	
Nigeria	230/50	F	EA23MFG		
		D	EA351D	EA23MDG	1
Norway	230/50	D	EA351D	EA23MDG	1
Oman	240/50	C	EA351C	EA23MCG	1
		D	EA351D		
Pakistan	230/50	F		EA23MFG	
		D	EA351D	EA23MDG	
Panama	120/60	A	EA351A	EA23MAG	
		E	EA351E	EA23MEG	
		E	EA351E	EA23MEG	
Papua New Guinea	240/50	E	EA351E	EA23MEG	
Paraguay	220/50	D	EA351D	EA23MDG	1
Peru	110/60	A	EA351A	EA23MAG	1
		D	EA351D		
Philippines	220/60	A	EA351A	EA23MAG	
		D	EA351D		

Switzerland	230/50	D	EA351D	EA23MSG	
Syria	220/50	D	EA351D	EA23MDG	1
Taiwan	110/60	A	EA351A	EA23MAG	
Tajikistan	220/50	D	EA351D	EA23MDG	
Tanzania	230/50	C	EA351C	EA23MCG	
		F	EA23MFG		
Thailand	220/50	D	EA351D	EA23MDG	1
		A	EA351A	EA23MAG	
Tibet	220/50	D	EA351D	EA23MDG	1
		E	EA351E	EA23MEG	
Togo	220/50	D	EA351D	EA23MDG	1
Tonga	240/50	E	EA351E	EA23MEG	
		F	EA23MFG		
Trinidad & Tobago	110/60	D	EA351D	EA23MDG	
		A	EA351A	EA23MAG	
		C	EA351C	EA23MCG	
	220/50	F	EA23MFG		
Tunisia	220/50	D	EA351D	EA23MDG	1
Turkey	220/50	D	EA351D	EA23MDG	1
Turkmenistan	220/50	D	EA351D	EA23MDG	
		A	EA351A	EA23MAG	
Turks & Caicos Islands	120/60	A	EA351A	EA23MAG	
Tuvalu	220/50	E	EA351E	EA23MEG	
Uganda	220/50	C	EA351C	EA23MCG	
		F	EA23MFG		
Ukraine	220/50	D	EA351D	EA23MDG	
		C	EA351C	EA23MCG	
United Arab Emirates	220/50	F	EA23MFG		
USA	110/60	A	EA351A	EA23MAG	
		E	EA351E	EA23MEG	1
Uruguay	220/50	D	EA351D	EA23MDG	
		D	EA351D	EA23MDG	
Uzbekistan	220/50	D	EA351D	EA23MDG	
		E	EA351E	EA23MEG	1
Vanuatu	220/50	C	EA351C	EA23MCG	
		D	EA351D		
Venezuela	120/60	A	EA351A	EA23MAG	1
		D	EA351D	EA23MDG	1
Vietnam	220/50	D	EA351D	EA23MDG	
		A	EA351A		
Virgin Islands (British)	110/60	C	EA351C	EA23MCG	
		C	EA351C	EA23MCG	
		A	EA351A	EA23MAG	
Virg. Isl.(US)	110/60	A	EA351A	EA23MAG	
Wales	220/50	C	EA351C	EA23MCG	
		C	EA351C	EA23MCG	
Yemen	220/50	F	EA23MFG		
		A	EA351A		
Zambia	220/50	C	EA351C	EA23MCG	1
		D	EA351D		
Zimbabwe	220/50	C	EA351C	EA23MCG	
		F	EA23MFG		

Notes:
In countries where multiple adaptors are listed, the most common configuration is listed first. Wise travelers prepare for all possibilities.

(1) Not all electrical sockets in these countries provide grounding.