



Tech Info Library

Voltage and TV Standards: Europe

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Security: Everyone

Voltage and TV Standards: Europe

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The listing below contains the voltage, cycles (Hz), plug, and TV standards for most of Europe. The number to the right of the TV standard denotes the number of lines of the display:

COUNTRY	VOLTS	Hz	PLUG	TV
Austria	220	50	CEE 7/7	PAL (2)
Belgium	220	50	CEE 7/7	PAL (2)
Denmark	220	50	Afsnit 107	PAL (2)
Finland	220	50	CEE 7/7	PAL (2)
France	220	50	CEE 7/7	SECAM (2)
Greece	220	50	Special	SECAM (2)
Ireland	220	50	13 A Sq.	PAL (1, 2)
Italy	220	50	CEE 7/7	PAL (2)
Luxembourg	220	50	CEE 7/7	PAL/SECAM (2)
Netherlands	220	50	CEE 7/7	PAL (2)
Norway	230	50	CEE 7/7	PAL (2)
Portugal	220	50	CEE 7/7	PAL (2)
Spain	220	50	CEE 7/7	PAL (2)
Sweden	220	50	CEE 7/7	PAL (2)
Switzerland	220	50	SEV 1011	PAL (2)
U.K.	240	50	13 A Sq.	PAL (2)
W. Germany	220	50	CEE 7/7	PAL (2)

- 1 = 405 lines, Vision modulation Pos, Sound modulation AM.
- 2 = 625 lines, Vision modulation Neg, Sound modulation FM.
- 3 = 625 lines, Vision modulation Pos, Sound modulation AM.
- 4 = 525 lines, Vision modulation Neg, Sound modulation FM.

NOTE:

The information for some countries is incomplete. To obtain complete information, it will be necessary to contact that country's local consulate.

For other countries, search on the country name or:
Voltage and TV Standards: Africa

Voltage and TV Standards: Near and Middle East

Voltage and TV Standards: Asia

Voltage and TV Standards: Pacific

Voltage and TV Standards: Central America and Caribbean

Voltage and TV Standards: North America and Greenland

Voltage and TV Standards: South America

Apple Technical Communications

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