



# Tech Info Library

## Voltage and TV Standards: Africa

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

| COUNTRY      | VOLTS   | Hz | PLUG         | TV        |
|--------------|---------|----|--------------|-----------|
| Algeria      | 220     | 50 | French       | PAL (2)   |
| Angola       | 220     | 50 | Portuguese   | CCIR (2)  |
| Benin        | 220     | 50 | Euro/US      | SECAM (2) |
| Botswana     | 220     | 50 | British      | -----     |
| Cameroon     | 220/230 | 50 | CEE 7/2      | -----     |
| Canary Is.   | 110/220 | 50 | Euro/US      | PAL (2)   |
| Chad         | 220     | 50 | European     | -----     |
| Congo        | 220     | 50 | European     | SECAM (2) |
| Djibouti     | 220     | 50 |              | SECAM (2) |
| Egypt        | 220     | 50 | British/Euro | SECAM (2) |
| Ethiopia     | 220     | 50 | CEE 7/2      | CCIR (2)  |
| Gabon        | 220     | 50 | European     | SECAM (2) |
| Ghana        | 250     | 50 | British      | PAL (2)   |
| Ivory Coast  | 220     | 50 | French       | SECAM (2) |
| Kenya        | 240     | 50 | British      | PAL (2)   |
| Liberia      | 120     | 60 | Euro/US      | PAL (2)   |
| Libya        | 230     | 50 | British      | SECAM (2) |
| Madagascar   | 110/220 | 50 |              | SECAM (2) |
| Madeira      | 220     | 50 |              | PAL (2)   |
| Mauritius    | 230     | 50 | British      | SECAM (2) |
| Morocco      | 220/127 | 50 | European     | SECAM (2) |
| Mozambique   | 220     | 50 | Port/British | PAL (2)   |
| Niger        | 220     | 50 | European     | SECAM (2) |
| Nigeria      | 220/230 | 50 | British      | PAL (2)   |
| Reunion      | 220     | 50 | French       | SECAM (2) |
| Senegal      | 127     | 50 | European     | SECAM (2) |
| Seychelles   | 230     | 50 | British      | PAL (2)   |
| Sierra Leone | 230     | 50 | British      | PAL (2)   |
| Somalia      | 220/230 | 50 |              | -----     |
| South Africa | 220     | 50 | British      | PAL (2)   |
| Sudan        | 240     | 50 | British      | PAL (2)   |
| Swaziland    | 230     | 50 | British      | PAL (2)   |
| Tanzania     | 230     | 50 | British      | PAL (2)   |
| Togo         | 220     | 50 | CEE 7/6      | SECAM (2) |
| Tunisia      | 220     | 50 | European     | SECAM (2) |
| Uganda       | 240     | 50 | British      | PAL (2)   |

|          |         |    |         |           |
|----------|---------|----|---------|-----------|
| Zaire    | 220     | 50 | CEE 7/6 | PAL (2)   |
| Zambia   | 220     | 50 | British | PAL (2)   |
| Zimbabwe | 230/240 | 50 | British | SECAM (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: Europe

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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