

INSTRUCTIONS

230V/110V voltage converter

Voltage converters (transformers) are used to change the voltage from 220V to 110V. This is most frequently necessary for devices bought in the USA or Japan. The conversion changes the voltage only; the frequency remains the same, e.g. 50Hz. Maximum power input depends on the type of converter PRT-100 to PRT 5000 (from 100W to 5000W)

How to connect the voltage converter:

1. Plug the 110V appliance into the voltage converter socket (the appliance must be off).
2. Plug the voltage converter into the 220V socket.
3. Turn on the voltage converter using the switch on the front panel
4. Switch on the 110V appliance.

After finishing your work:

- First switch off the 110V appliance
- Turn off the voltage converter
- Unplug the voltage converter from 220V socket
- Unplug the 110V appliance from the voltage converter

There are 2 sockets for appliances with US power plugs on the front side of the voltage converter. The total of both appliances must not exceed the maximum value permitted. Overheating may cause damage to the appliance.

Use the voltage converter in dry conditions only. It works as an autotransformer, and therefore it is not electrically separated from the 220V grid. Follow the same instructions as when working with 220V appliances.

The fuse on the back side of the voltage converter must be replaced only when the converter is off. The value must be the same as the original one.

To plug in the voltage converter, do not use a long extension cord on the 220V side; rather, use it on the 110V side.

Technical parameters:

Input voltage: 220-240V 50Hz

Output voltage: 105-115V 50Hz