

MAINTENANCE HOME KIT – SOLAR ENERGY KIT

The maintenance operations of a solar system are minimal, however the present Home Kit should be subject to periodic maintenance in order to avoid losses of efficiency of the system, as well as to avoid that the system suffers some damages in its equipment with the actions of the Nature.

Below are some topics to keep in mind, however do not dispense consulting the installation, maintenance and/or use manuals available for consultation at www.energy-kit.com , which are described bellow:

The Photovoltaic Module:

- Clean the module surface when necessary; The presence of dirt or dust on the module glass significantly reduces its performance; Always use water (neutral) with a clean cloth or sponge; NEVER use an abrasive solution.
- Check the condition and integrity of electrical connections and mechanical components each semester.

The Micro Inverter:

- Check the mounting of the micro-inverter to the structure, especially before the change of season.
- Validate the various power and adjustment connections of the micro-inverter.
- Avoid putting the micro-inverter into a position where the the sun hits directly. This will increase the heating and as a consequence decrease its efficiency.

Fixing Structure:

- Check frequently for all tightness and stability of the mounting structure, especially before the change of season.

Note: Maintenance should be performed in the early morning or late afternoon when the radiation levels are lower and equipment temperatures are lower.