

# Power Reducer Kit

## SELF-CONSUMPTION SOLUTIONS

In some cases the mains supply cannot accept the power generated by the photovoltaic stations but the user wishes to reduce his energy costs by installing a PV field with the intention of using all the produced energy.

To adhere to contractual limitations and not supply energy to the grid, AROS Solar Technology recommends the addition of the "Power Reducer" Kit which forces the inverter to produce only the power required to supply the connected loads.

### Main features

- Compatible with the Sirio EASY, Sirio EVO and Centralised inverters
- kit comprising of:
  - RS485 card (only for Central and Sirio Easy inverters, not required for Sirio EVO)
  - power meter (modular digital multimeters with multilingual graphic LCD and RS485 output port)
  - amperometric transformers rated based on the load.

**Note:** See the functioning circuit diagram on page 58

