TEO

TECO Energy Optimizer



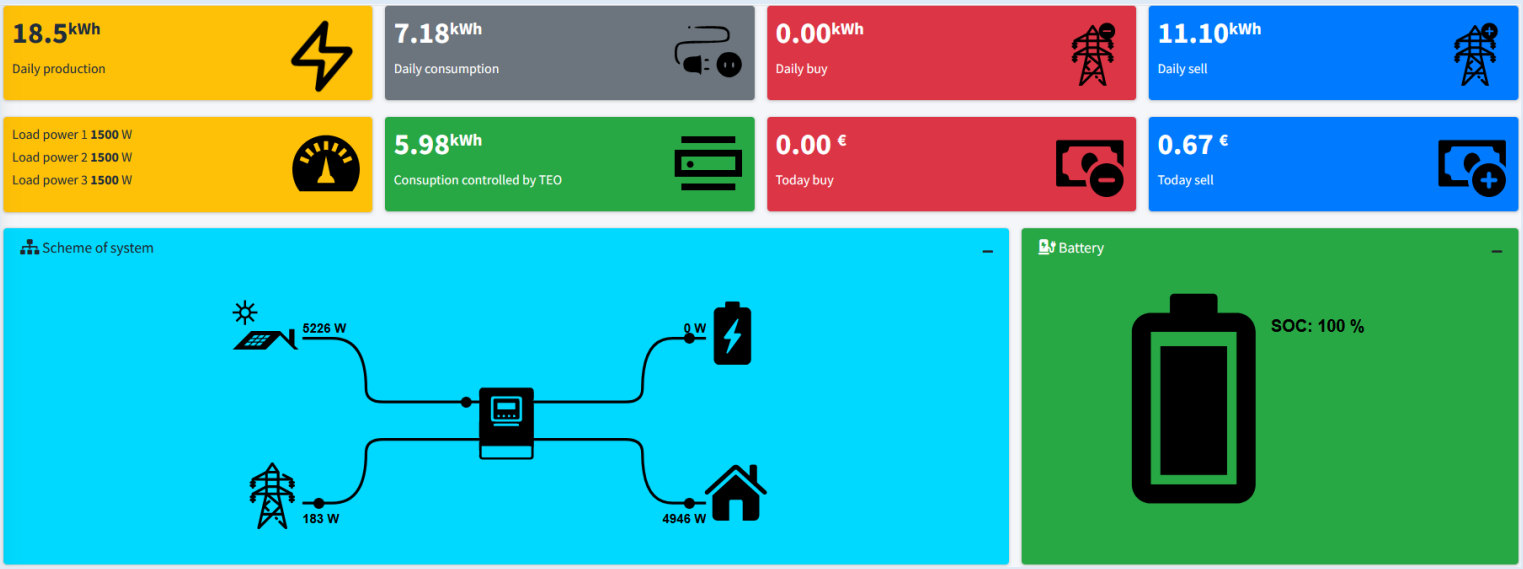
Type product

- **Direct monitoring of PVPP – connection to the inverter**
- **Actively controls PVPP overflows of up to 3 appliances**

How to control a PV plant?
How to increase the return on investment?

- **Find out how your PV plant works in real time**
  For information, use real data measured on the inverter
- **Set the functionality according to the measured data**
  If you have other standard components (batteries, Wallbox ...) connected, set them to operate
- **Find out what the overflows of your PV plant are**
  What are the maximums, at what time, according to the consumption of your house
- **Find Possible Applications for Overflows**
  Installation of boilers or additional appliances
- **Control overflow usage**

Therefore, install TEO



CUSTOM VERSION

- Heat pump integration via Modbus communication protocol (to RS-485 input)
- Wall box integration
- Extension with other outputs - relays, etc.
- Delivery of OEM version (customer variant)
- Printing of the box with the customer's logo
- Graphic design of customer's screens
- Addition of another type of Appliance, Inverter

MONITORING FUNCTION

- Current PVPP Production / Daily Output
- Current House Consumption / Daily Consumption
- Current Sale / Daily Sale
- Current Purchase / Daily Buy
- Current Battery Charge / Total Charge
- Current Overflows / Total Overflows
- Current overflow utilization / daily overflow utilization
- Current output power / daily output power

COMMUNICATION

- **RS 485** - Connection of a standard PV inverter
- **Ethernet** Ethernet Connection (by connector)

INPUTS

- **1 x DI** - Ripple control signal connection to 120V/230V input
- **3 x AI** for connecting input signals (thermometers...)

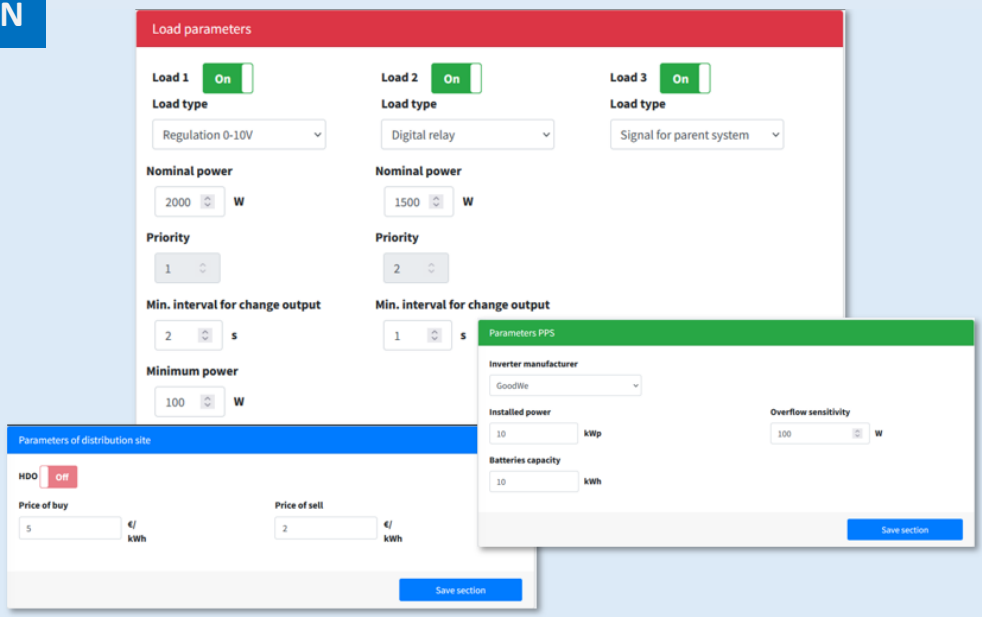
OUTPUTS

- **3 x AO** for controlling appliances

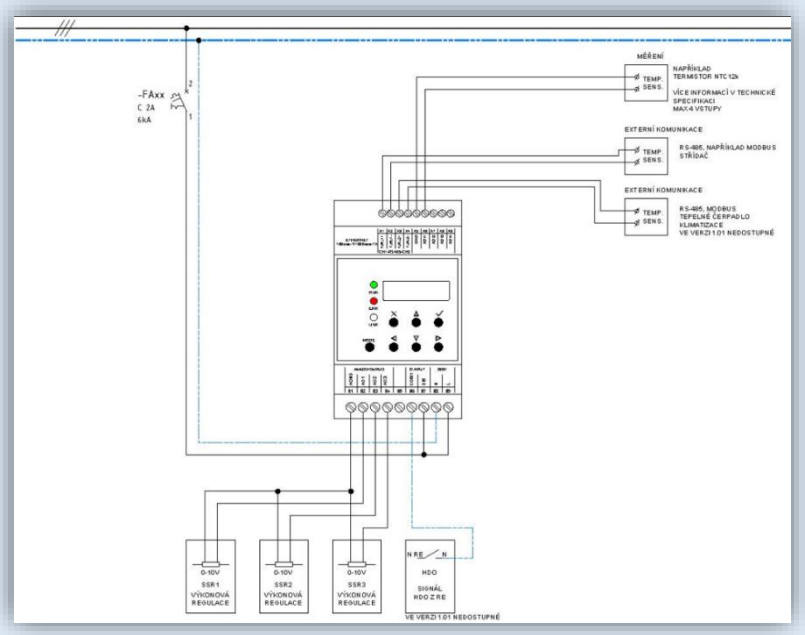
MEASUREMENT



CONFIGURATION



EXAMPLE OF



PRODUCT VERSION

- **TEO-01 -** Overflow control by output control
- **TEO-02 -** Active control of water tank heating
- **TEO-03 –** Active Heat Pump Control

MORE INFORMATION:

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