

Due to the constantly decreasing costs for photovoltaic installations as well as the inducement set-up by the EEG the own consumption of home-made regenerative electricity is becoming ever more important.

The innovative SOL.Connect® Energy Manager is a freely programmable platform that makes it possible to operate as a control centre within a comprehensive energy management which not only monitors the energy production but as well consolidates the consumption and regulates the demand if required.

Home-made energy from photovoltaic, Micro Combined Heat and Power (CHP), small wind turbines etc. in connection with intelligent consumers and accumulators forms an integrated, decentralized energy supply system.



SOL.Connect® @ E-Energy

Papendorf SE GmbH is co-operation partner of further research projects within the E-Energy program. E-Energy is the largest German research competition in the area of smart-grid. The 6 projects dispose of a budget of 140 million Euro.



Information are available at www.e-energy.de

Papendorf SE GmbH is consortium member of the research project „moma Model City Mannheim“. Household are putting to test the Energy Butler® made by Papendorf Software Engineering GmbH!

Information are available at www.modellstadt-mannheim.de



Features

- Individually programmable
- Integration of various sensors and actuators
- Comfortable handling via the touch display
- Integrated web-browser
- Wireless communication via XBee®, Z-Wave® and WLAN
- Compatible with OGEMA standard defined by Fraunhofer Institution for Wind Energy and Energy System Technologyk

Technology

- Processor: Vortex, 800MHz
- Display: 240 x 320 Q-VGA (optional)
- Interfaces: XBee® 2,4 GHz, 1x LAN, 2x USB, RS232, WLAN (via USB)
- Different interface instrumentation as per customer requirements is possible, e.g. Z-Wave®, RS485
- 256 MB RAM
- 2 GB internal flash-memory
- Up to 8 LED on the front side, e.g. to display the tariff, 3 status-LED
- Power consumption: approx..5 watt
- Dimensions: 185mm x 146 x 39mm (W x H x D)
- Weight: approx. 600 gr
- Operating temperature: 0° C .. +50 °C
- CE, Made in Germany