








HEMS v1.2.x

HEMS is the most advanced solution for Home Energy Management:

- **monitoring electricity flows at home (consumption, production, and storage)**
- **control of key consumers**
- **optimizing consumption in terms of reducing consumption and using cheaper energy to ensure the same comfort with lower costs**
- **maximize in-house consumption of self generated renewable energy**
- **minimize cost of electrical energy**
- **contribute to local micro grid balance as a prosumer**
- **provide relevant information and help understanding energy flow**
- **control and manage devices (producers, consumers, prosumers)**
- **get access to flexibility trade and other digital services**
- **manage charging of electric vehicles (EV fleet)**
- **protect main fuse from overcurrent**

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