

ELWA

The self-sufficient island solution with an integrated 2 kW photovoltaic heating element

ELWA uses direct current (DC) directly from your photovoltaic panels and transmits it to the built-in heating element and thus ensures quick water heating without any power loss.

- Pure off-grid operation – no grid connection required
- Patented hot water backup for bad weather conditions
- In summer 100 % hot water without additional heat sources
- Lower operating costs and longer service life for the heating system



SOL•THOR

The DC power manager for autonomous heat generation from solar power

The SOL•THOR is a 3.6 kW DC power manager designed for photovoltaic heat generation. Every watt from the photovoltaic modules is utilized for self-sufficient heat production through linear control.

- Self-sufficient heat generation without an inverter
- Maximum power: 0 – 3.6 kW linearly controllable
- Simplest installation (also suitable for outdoor use)
- Can be used with 1 to 10 modules
- Optional patented hot water guarantee



AC ELWA 2

The on-grid solution, a 3.5 kW linearly controlled water heating device for surplus PV-power

AC ELWA 2 diverts surplus photovoltaic power for hot water preparation and thereby optimizes the self-consumption of the existing PV system. Simultaneously, self-sufficiency is increased.

- 0 – 3.5 kW linearly controllable
- Easy installation
- Intuitive use thanks to the touchscreen display

- Easy communication via network cable or WLAN
- Installation in hot water and buffer storage tanks possible
- System open for various inverters, battery systems and Smart Home



AC•THOR UND AC•THOR 9s

The 3 kW/9 kW linearly controlled solar power diverter for DHW, electrical space heating

AC•THOR and AC•THOR 9s control electrical heat sources and provide comfort – depending on the availability of PV-power and heating demand.

- Use of PV power for electricity, hot water and optional space heating
- Easy installation
- Heat generation – as simple as the function of electrical household appliances
- Heating power is linearly controlled
- Maximum self-consumption, minimum feed-in to the grid



AC ELWA 2, AC•THOR UND AC•THOR 9s

... with my-PV WiFi Meter

The AC ELWA 2 and AC•THOR/AC•THOR 9s only use surplus power from your PV-system thanks to the intelligent monitoring of the my-PV WiFi Meter.

... with Smart Home and ESS

AC ELWA 2, AC•THOR, and AC•THOR 9s can also communicate with energy management systems, or ESS, due to their versatile configurations. Surplus power detection is possible with each of these systems as an alternative to my-PV WiFi Meter. The optimal prioritization between the battery and thermal storage is ensured.



Five products – many possibilities

ELWA, SOL•THOR, AC ELWA 2, AC•THOR & AC•THOR 9s



Are you planning to generate your own electricity with photovoltaics, or have you already decided to do so? Did you know that you can do much more with this solar energy?

We have the solution: Electricity, hot water, room heating – all from photovoltaics.

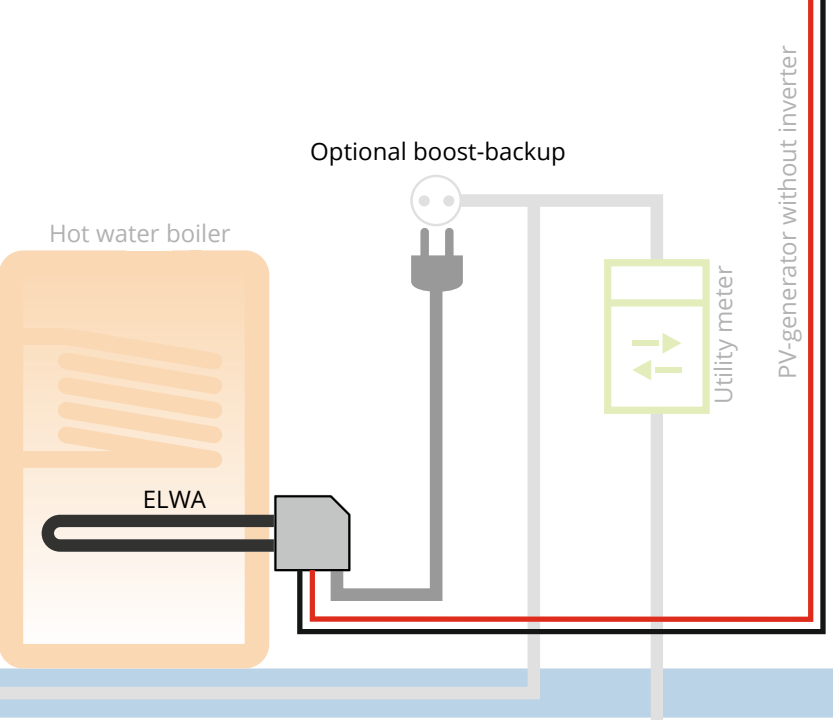
With the innovative products from my-PV, the market leader in photovoltaic heat, you can use your self-generated energy in various and sustainable ways for your own needs – with linear control for maximum efficiency!

Some of our system partners

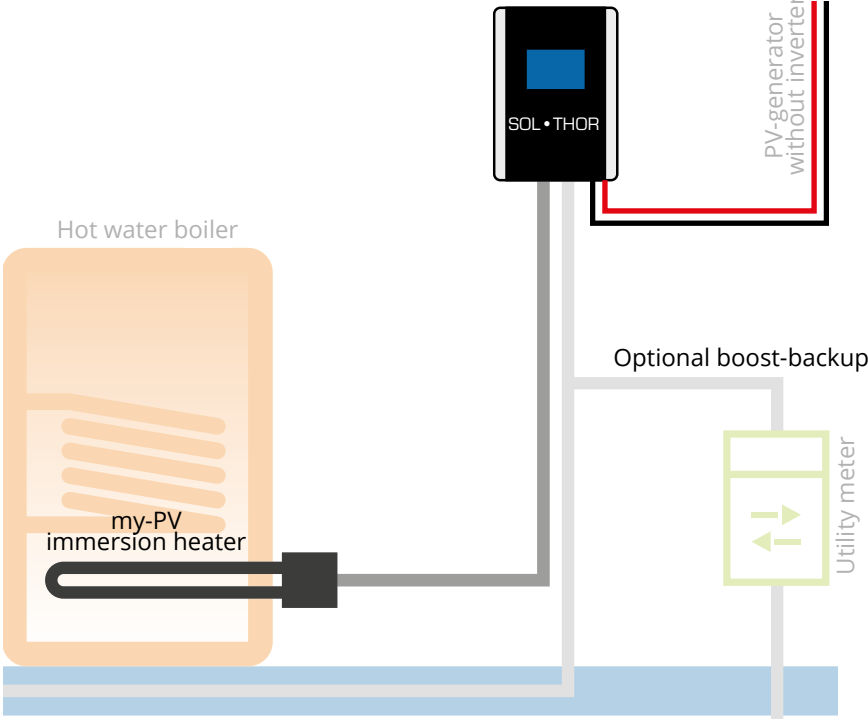
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| E3DC | VARTA | AHT | easyTherm | KÖNIGSHAUS | redwell | fronius | GOODWE | victor energy | ADAMCZEWSKI | LOXONE | Raspberry Pi | VIESSMANN | energy depot | hager |
| neocom | M-TEC | ArgillaTherm | ELASTICAL CONCEPTS | mfi systems | vitramo | GROWATT | SOLAX POWER | FOX | ASKI | MEC electronics | SEMS | VOLTOPLUS | KEBA | ENERGIE PLUS |
| SOLARMAX | AZZURRO | bama heat | ETHERMA | infra vitalheizung | ROTBURG | HUAWEI | teca | ESUN | ASKI | myGEKKO | smart | SENTEC | openWB | sailer |
| RCT power | Alphaess | WMT | HALLER | infra warm | ERS | KOSTAL | STUDER | tuxhorn | evon | PLEXLOG | SOLAR | reflex | domotec | |
| SOLARWATT | KIWIGRID | DEVI | Haus-Infraheizung | Ökoswiss | ThermoFlux | SMA | SUNGROW | thermic energy | IME | POWERDOC | Solar-Log | ENERMAX | POLYSUN | |

Off-grid system

1 ELWA

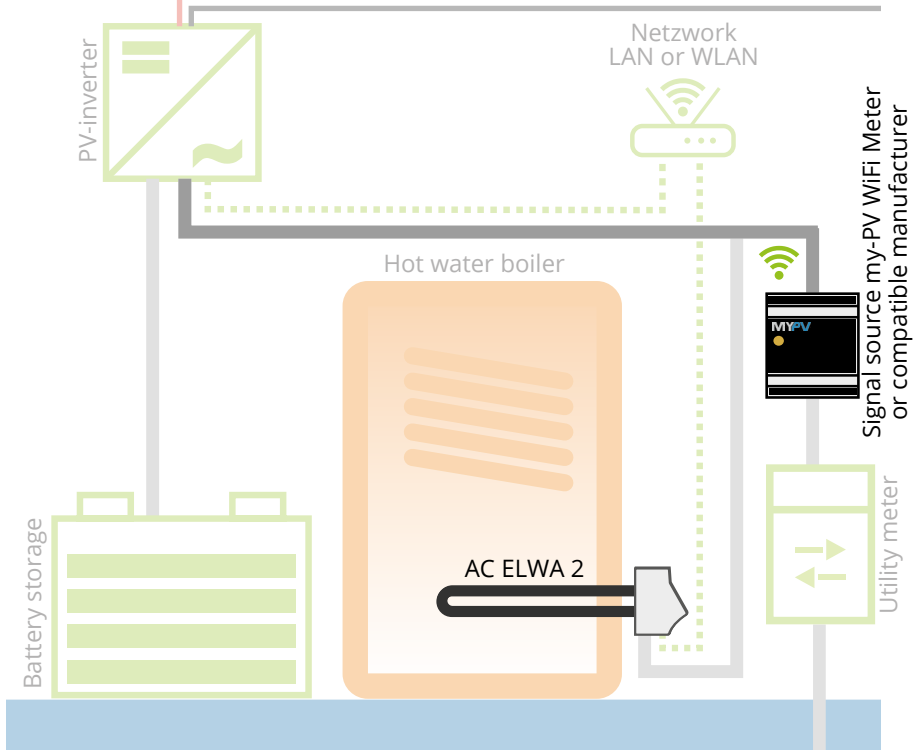


2 SOL•THOR



Grid connected system

1 AC ELWA 2



2 AC•THOR/AC•THOR 9s

