

## ELWA

### The 2 kW PV-water heater: direct – and the better principle

The ELWA uses direct current directly from your PV-modules in a built-in immersion heater element and thus produces hot water directly and without any loss.

- pure island off-grid operation – no grid connection required
- boost-backup for operating in bad weather
- in summer 100 % hot water without additional heat sources
- lower operating costs and longer service life for the heating system



It's as easy as this: use a rotary knob to set the desired hot water temperature. LED displays inform you of the current status of the system. Finished!

## AC ELWA-E

### The 3 kW water heater with linear power control for on-grid systems

PV-systems connected to the grid achieve on average only 30% pv-self-consumption ratio. In an average household (5 kWp PV-system), self-consumption can thus easily be improved to up to 75%.

#### Optimal – for maximum PV self-consumption

If you use the ELWA-E for water heating, you are making the best use of your PV-system.

- Installation in hot water and buffer storage tanks possible
- Heating power is linearly controlled
- Practically no energy is fed into the grid
- Self-consumption increases markedly



## AC•THOR and AC•THOR 9s

### The 3 kW/9 kW linear power controlled PV-power manager for hot water, electric heat sources and optional space heating

#### Simple and efficient

The AC•THOR controls electric heat sources and provides comfort, according to the availability of PV-energy and demand for heating.

- Use of the PV for electricity, water and optional heating
- Installation is easy
- Heat generation – as simple as the function of domestic electric appliances
- Heating power is linearly controlled
- Maximum self-consumption, minimum feed-in to the grid



#### Water heating and space heating with solar power: Cables instead of pipes

In a residential building constructed or renovated in accordance with today's heating standards, the AC•THOR replaces the conventional water-driven heating services. Top-up energy can be drawn from the public electricity grid.

## AC ELWA-E and AC•THOR

#### ... with my-PV Power Meter

Due to the intelligent control of my-PV Power Meter, AC ELWA-E and AC•THOR only use surplus energy from the PV-system.

#### ...with Smart-Home or battery storage

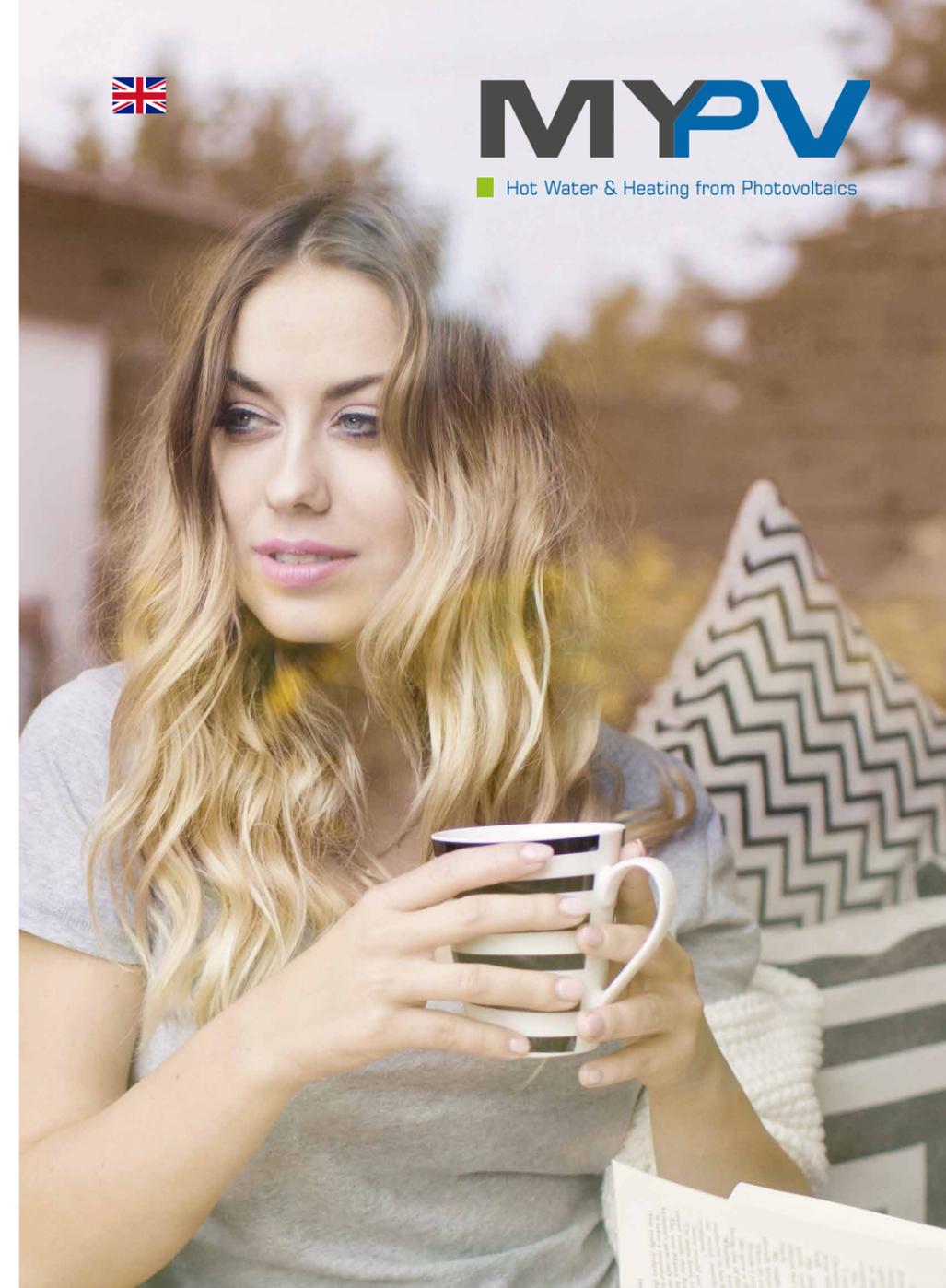
Thanks to their flexible control, AC ELWA-E and AC•THOR also communicate with energy management systems or battery storage units.

As an alternative to my-PV power meter, surplus information can also be received from these sources. Optimum priority regulation between battery and hot water storage is assured.



# MYPV

Hot Water & Heating from Photovoltaics



## THREE PRODUCTS - MANY POSSIBILITIES ELWA, AC ELWA-E, AC•THOR

You are planning or you have decided to use photovoltaics to generate electricity for yourself.

Did you know that you can already do a lot more yet with this self-produced energy?

We have the solution: **hot water and space heating from photovoltaics.**

With the products from my-PV, you can use energy you have produced – directly and without any detours – yourself.

[www.my-pv.com](http://www.my-pv.com)

## SOME OF OUR SYSTEM PARTNERS



Three products – many possibilities: ELWA, AC ELWA-E, AC•THOR

