

ELWA

The self-sufficient solution, a 2 kW direct PV water heater.

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



It's as simple as this: set the desired hot water temperature with a rotary knob. LED displays show you the system's current status. The PV modules provide the electricity for the hot water.

AC ELWA 2

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

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

- More power
- Easy installation
- Ease of use thanks to the touchscreen display
- Easy communication via network cable or WLAN
- Heating power is linearly controlled (Pure Sinwave)
- Installation in hot water and buffer storage tanks possible
- System open for various inverters, battery systems and Smart Home



Our trusted optional hot water backup function is included in AC ELWA 2: In the absence of sufficient sunlight, energy from the power grid can be used for water heating to the desired temperature.

AC•THOR AND AC•THOR 9s

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

AC•THOR and AC•THOR 9s controls 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 (Pure Sinwave)
- 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, AC•THOR/AC•THOR 9s replaces the conventional hydronic heating technology. Any heating demand needs that are not fulfilled by your PV system can be supplemented using power from the grid.

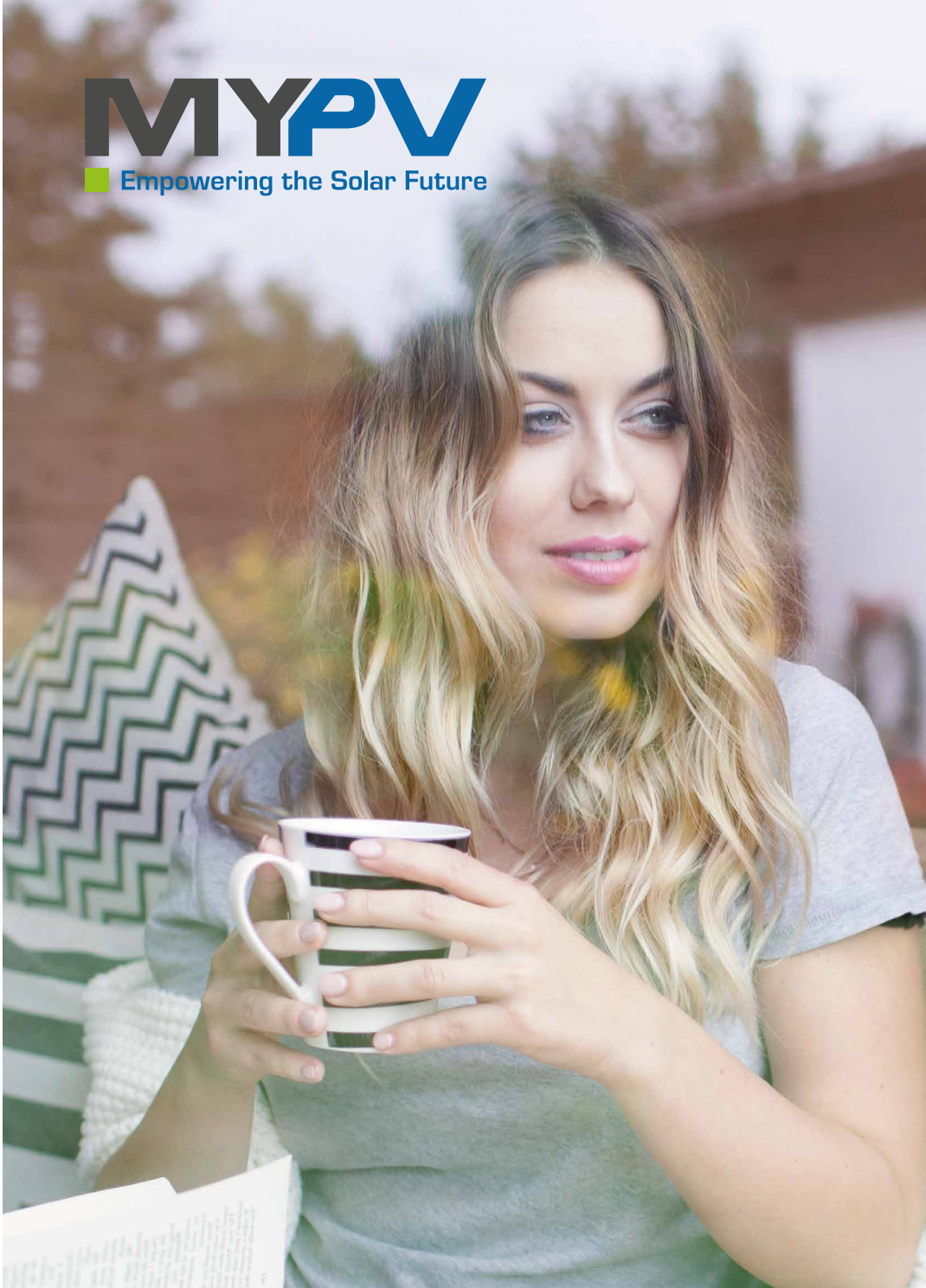
AC ELWA 2, AC•THOR AND AC•THOR 9s

... 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.



FOUR PRODUCTS - MANY POSSIBILITIES  
ELWA, AC ELWA 2, AC•THOR & AC•THOR 9s

Are you thinking about using photovoltaics to generate your own electricity?  
How many different ways do you intend to use your self-generated electricity?

my-PV provides innovative and sustainable solutions that allow you to make the most of the electricity generated by your PV system. Electricity, hot water, space heating - all from photovoltaics.

SOME OF OUR SYSTEM PARTNERS

ESS	Electric heating	Inverters	Smart Home	EV-Chargers	Others



FOUR PRODUCTS - MANY POSSIBILITIES: ELWA, AC ELWA 2, AC•THOR AND AC•THOR 9S

