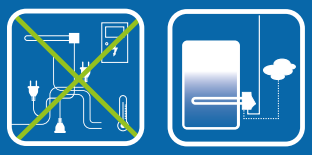
MYPV
Empowering the Solar Future

HEA•THOR IoT

with 3.5 kW and 9 kW



The HEA•THOR IoT is the ideal solution for making the most of dynamic electricity tariffs

It connects to the my-PV Cloud via LAN/WiFi. In combination with a dynamic or hourly variable electricity tariff, the HEA•THOR IoT ensures maximum efficiency in heat generation. By automatically adjusting to low electricity prices on the energy market, the HEA•THOR IoT ensures cost-effective heating and hot water preparation. This allows you to benefit from low electricity exchange rates – the HEA•THOR IoT is automatically controlled by the my-PV Cloud and takes care of heat generation for you, whether for heating or hot water. Alternatively, the HEA•THOR IoT can also be controlled via the API interface of the my-PV Cloud or via Modbus TCP / RTU. The HEA•THOR IoT is available in two versions: a 3.5 kW model and a 9 kW version.

Optimize Water Heating

- with Dynamic Electricity Tariffs
- via my-PV API or
- via network or WiFi (Modbus TCP).

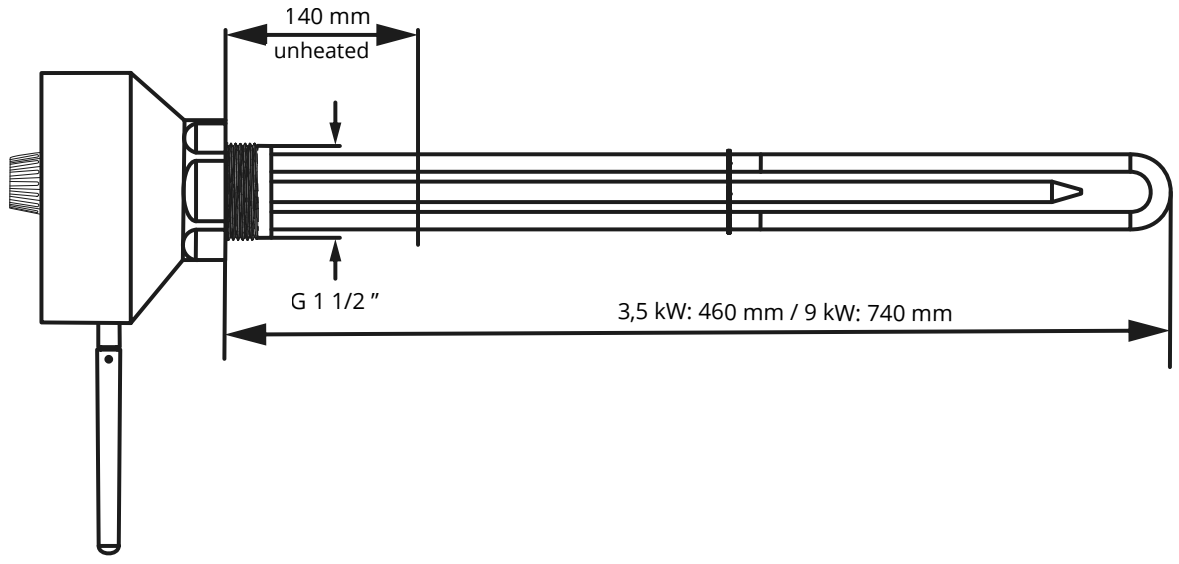
- Single-phase or three-phase
- Multiple communication options: Ethernet RJ45, WiFi, RS485, PWM-in, potential-free switching output
- Automatic control via the my-PV Cloud
- Suitable for residential buildings
- Can be installed in hot water and buffer storage tanks
- Can be used even without an energy management system (EMS)
- 1.5-inch standard thread

Empowering the Solar Future

The HEA•THOR IoT can be installed in fresh water and buffer storage tanks. Its special design results in very low thermal surface loads on the heating elements, which directly contributes to an extended product lifespan.

Technical Data

	HEA•THOR IoT 3,5 kW	HEA•THOR IoT 9 kW
Heating power	3,500 W	9,000 W
Mains supply	Single-phase, 230 V, 50 Hz	Three-phase, 3 x 230 V, 50 Hz
Standby consumption	< 1,5 W	< 1,5 W
Settings options	Target temperature via rotary knob or my-PV Cloud	Target temperature via rotary knob or my-PV Cloud
Schnittstellen	Ethernet RJ45, WLAN, RS485, potential-free switching output	Ethernet RJ45, WLAN, RS485, potential-free switching output
Operating temperature range	The ambient temperature at the housing must not exceed 40°C	The ambient temperature at the housing must not exceed 40°C
Protection class	IP 21	IP 21
Dimensions (W x H x D)	580 x 133 x 117 mm (with heating element)	865 x 133 x 117 mm (with heating element)
Heating element length	460 mm (from sealing level)	740 mm (from sealing level)
Heating rod thread dimension	G 1 1/2 inch	G 1 1/2 inch
Heat-free zone	140 mm from seal surface	140 mm from seal surface
Warranty	2 years (except calcification)	2 years (except calcification)
Tightening torque	50 Nm	50 Nm
Max. operating pressure	10 bar	10 bar
Mounting position	horizontal / vertically standing	horizontal / vertically standing
my-PV item number	21-0300	21-0900



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