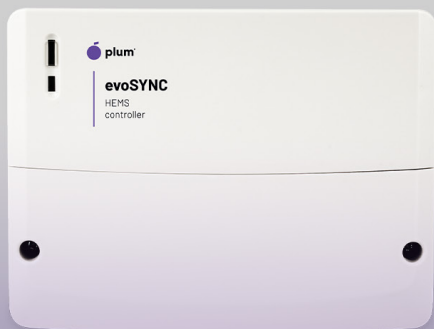




evoSYNC

An intelligent management module that dynamically adjusts the operation of devices to maximize savings and system efficiency, using data on current energy prices, outdoor temperature, and device operating parameters.

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edition
1.1b, 21.09.2026



HEMS energy management module

function

- use dynamic tariffs, analyze energy prices in real time, and automatically activate the heat pump during hours when energy is cheapest or free
- store thermal energy in the buffer tank, domestic hot water tank, and underfloor heating system, and use the stored energy during hours when prices are high
- integrate the system with a photovoltaic (PV) installation to maximize self-consumption of solar energy and minimize the amount of energy fed back into the grid
- charge electric vehicles during hours when energy is cheapest
- automatically analyze the efficiency and cost of heating with a heat pump and a gas boiler- always use the most cost-effective energy source

technical data

power supply	12 VDC, 3W
protection degree	IP 20
operating temperature	0...+50 °C
storage temperature	-25...+60 °C
relative humidity	5...85%, non-condensing
communication	1 x RS485 (Modbus RTU), WIFI 2400...2483,5 GHz, IEEE 802.11 B/G/N standard with web service and mobile app, BT v4.2 LE with mobile app, ISM band 865... 868 MHz with xTHERM 60RBD wireless room temperature controller
standards	PN-EN 60730-2-9
maximum load current of relay outputs	AUX A, AUX B: 230 VAC, 8(3) A
external dimensions	140 x 105 x 44 mm
installation	wall-mounting
included accessories	2 x CT10 temperature sensors (3 m), CT10-P weather sensor, communication cable, power supply unit

evoSYSTEM

