



## PRESS RELEASE

### **ISH 2025: Prolux presenting system solutions with redox flow battery**

Prolux Solutions is presenting home system solutions for electricity and heating at ISH 2025 that efficiently combine the STORAC redox flow battery with heat pumps and e-mobility charging stations. The STORAC's integrated energy management system (EMS) controls all components to maximise self-consumption of solar power. The solutions will be shown together with the affiliate company Kermi at Booth E31 in Hall 12.1.

#### **Components from Prolux and Kermi combined**

MBT Climate group companies Prolux Solutions and Kermi combine products from both companies in system solutions using the group's advanced energy management technology.

As a redox flow battery storage system, the STORAC from Prolux is a particularly safe, durable and sustainable alternative to conventional battery storage systems. With a capacity of 6 kWh or 10 kWh, it is the ideal solution for safety-minded or environmentally conscious households and businesspeople. Battery capacity can also be expanded with cascading.

The redox flow technology is non-flammable and enables a service life of 20 years or more, regardless of the number of charging and discharging cycles.

The STORAC's standard EMS offers flexible connection options and controls heat pumps, heat accumulators, residential ventilation systems, underfloor heating, charging stations and other components.

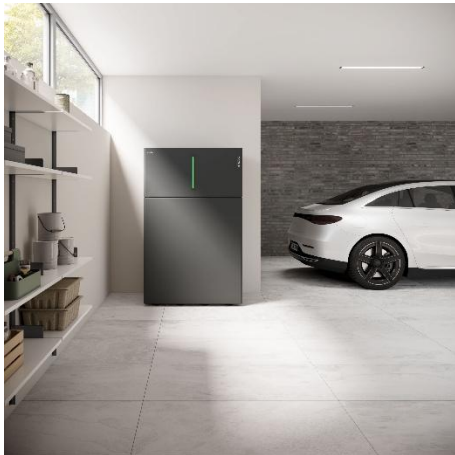
Kermi heat pumps are available with outputs between 3.5 kW and 22 kW, and the x-change Fresh drinking water heat pump has a nominal output of 1.4 kW and heats up to 850 litres of water in 24 hours. The devices are characterised by particularly high efficiency and quiet operation.

The wallbox from Prolux enables single and three-phase charging using solar power and offers flexible charging capacity of between 1.4 and 11 kW. RFID access protection ensures secure and convenient use. The equipment includes a digital status display, a Modbus RTU interface and Type 2 charging cable. WLAN and LAN are also integrated into the high-end version, which is also installed with a MID-compliant counter.

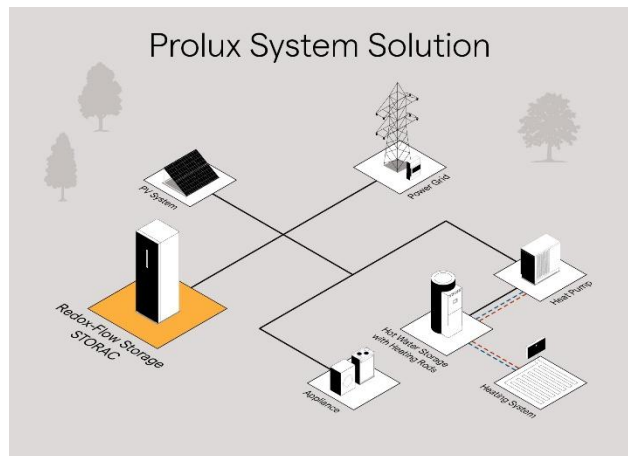
'Thanks to the Prolux and Kermi system solutions, our specialist partners have the flexibility to put together the perfect combinations for their customers. Private consumption is optimised and all components interact seamlessly – and additional devices can be controlled and monitored,' states Johannes Häntzschel, Battery Storage Division Manager at Prolux Solutions.



Imagery:



The energy management of the STORAC controls wallboxes and other components.



Prolux and Kermi present their system solutions at the ISH 2025.

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