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Our company develops innovative and advanced thermal storage systems. The thermal storage units, known as Cowa COMPACT Cell, are characterized by a high storage capacity and long service life. The patented technology is based on the melting and solidification process of salts, whereby a very large amount of energy can be stored. Cowa technology makes it possible to store energy for heating and domestic hot water and requires up to five times less space than conventional heat storage tanks.

makes bulky and large water tanks superfluous. It is specially designed for use with heat pumps, easy to install and is ideal in combination with photovoltaic systems to provide energy on demand.



Buffer storage



In a system with a heat pump and photovoltaics, the buffer storage tank unfolds its full effect. Surplus electricity produced during the day is efficiently converted into heat and stored for the cooler night.

Thanks to Cowa technology, you can store many times more heat in the smallest of spaces.

Area of application: Floor or radiator heating Technical data: footprint 0.21m2, storage capacity 11 kWh, expandable up to 66 kWh.

Domestic hot water storage



Energy for over 400 liters of hot water is stored in a very small space.

Thanks to instantaneous heating, there is very little standing water in the cylinder, making it easy to comply with hygiene regulations.

In combination with photovoltaics and a heat pump, surplus energy can be stored all year round.

Area of application: Provision of hot water Technical data: footprint 0.21m2, storage capacity 13 kWh, tap volume 4001

Combi storage



The combination of two Cowa COMPACT Cells at different temperature levels unleashes the full power of Cowa technology. Our combi storage is the most compact solution in the world for domestic hot water and heating.

When both cells are fully charged, the Cowa COMPACT Cell Kombi offers a tap capacity of 800 I on a footprint of around 0.42 m2.

Area of application: Heating and hot water or to increase capacity. **Technical data:** Storage capacity 24 kWh, tap volume 8001

Advantages of the **Cowa COMPACT Cell**



Highly compact



Easy installation



High capacity



Hygienic



Developed for heat pump and photovoltaics

