



# Sunamp battery Saint Barthélemy

Where can I find information about sunamp thermal batteries?

Plumbers, installers, stockists and specifiers, visit Sunamp's UK information hub to find installation instructions, technical leaflets and training sessions about our range of thermal batteries. Sunamp's vision is of a world powered by affordable and renewable energy sustained by compact thermal energy storage.

What is a sunamp heat battery?

Sunamp heat batteries are energy-saving thermal stores with Plentigrade at their core. Plentigrade is our high-performance phase change technology platform that delivers heating or cooling reliably, safely and efficiently.

Is a sunamp thermal store better than a conventional thermal store?

A conventional thermal store is a tank full of water. By comparison, a Sunamp thermal store is more compact, probably better insulated (although you will always lose heat down the connecting pipes), lighter and more expensive.

What does sunamp do?

Sunamp's vision is of a world powered by affordable and renewable energy sustained by compact thermal energy storage. Our mission is to transform how heat is generated, stored and used to tackle climate change and safeguard our planet for future generations. We're a global company committed to net zero and headquartered in the United Kingdom.

Are sunamp thermino batteries compatible with heat pumps?

Yes. Specific models in the Sunamp Thermino and UniQ battery ranges are compatible with heat pumps from Daikin, Samsung and Vaillant. We have tested the ability of the heat pumps from these manufacturers to meet the flow temperatures requirements of the heat battery (63-65 degrees Celsius). So, essentially the above. Can they work with heat pumps?

Sunamp thermal batteries contain our Plentigrade phase change material, which has very high energy density, paired with a high powered heat exchanger and vacuum insulation. This allows our batteries to store heat ...

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Sunamp's innovative use of thermal batteries to store solar power offers a promising solution for the challenges posed by climate change and the need for sustainable energy sources. By providing a compact and efficient alternative to traditional heating systems, Sunamp aims to make renewable energy more accessible to a wider range of households.



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Sunamp thermal batteries contain our Plentigrade phase change material, which has very high energy density, paired with a high powered heat exchanger and vacuum insulation. This allows our batteries to store heat safely, efficiently, and with minimal heat loss.

Sunamp has released a thermal battery that leverages sodium acetate trihydrate (SAT), commonly found in hand warmers and salt-and-vinegar potato chips. The core innovation in the company's battery lies in combining SAT with water and specially designed crystal habit modifiers, which enhance the material's ability to store and release heat ...

A high-powered heat exchanger or heating element immersed in our patented PCM rapidly charges the thermal battery. Heat is just as quickly extracted, and in our Thermino products, provides fresh, mains pressure hot water at a constant ...

Research carried out in the School of Chemistry at the University of Edinburgh, in collaboration with UK-based SME Sunamp Ltd, has resulted in the development of the world's first commercially viable domestic heat battery, which provides an energy-efficient, sustainable, low-cost alternative to the traditional gas boiler and water tank.

A high-powered heat exchanger or heating element immersed in our patented PCM rapidly charges the thermal battery. Heat is just as quickly extracted, and in our Thermino products, provides fresh, mains pressure hot water at a constant temperature only when it's needed

As part of the celebration, five Scottish startups were awarded the 'Create in Shenzhen Competition' prize: Cobra Simulation, Coda Octopus, Freakworks, Sainted Media, and Sunamp. They were chosen through a public competition to present their innovations in the field of creative industries or technologies in Shenzhen.

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energy through the melting and solidifying of specially developed phase change materials, providing a highly efficient and sustainable ...

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At Sunamp, we make and sell batteries that store heat and discharge it as energy that can be used for hot water, heating and cooling. By doing so, our products cut carbon emissions and help us all meet the challenge of achieving net zero by ...

At Sunamp, we make and sell batteries that store heat and discharge it as energy that can be used for hot water, heating and cooling. By doing so, our products cut carbon emissions and help us all meet the challenge of achieving net zero by 2035. We're an ambitious company that's growing fast around the world.



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Web: <https://mikrotik.biz.pl>

