



# Phase change energy storage products





## Overview

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Innovative thermal energy storage solutions for sustainable heating and cooling. Phase Change Materials (PCMs) are one of the most effective and efficient mediums for thermal energy storage (TES), offering a cost-effective, stable, and environmentally friendly solution. Phase Change Solutions is a global leader in temperature control and energy-efficient solutions, using phase change materials that stabilize temperatures across a wide range of applications. Customers across transportation of perishables and pharmaceuticals, buildings and structures, telecom and. Our technology engages bio-based phase change materials, enabling us to craft highly efficient and eco-friendly Thermal Batteries. Our commitment to sustainable future extends. Our PlusICE range of PCM solutions and associated products cover a wide range of applications between  $-100^{\circ}\text{C}$  ( $-148^{\circ}\text{F}$ ) and  $+885^{\circ}\text{C}$  ( $+1,625^{\circ}\text{F}$ ) and are available either as the standard PCM solution, or in a variety of formats and encapsulated versions.



## Phase change energy storage products



### [Compact thermal energy storage for hot water, heating & cooling](#)

Thermal energy storage solutions that make homes, buildings & vehicles more energy-efficient & sustainable while reducing carbon emissions.

### [Technology - BioPCM - Phase Change Solutions](#)

BioPCM® can be designed to store and release thermal energy at any precise temperature within the range of -75°C to 175°C, enabling maximum energy performance with minimal impact on the ...



### **Phasestor**

Our technology engages bio-based phase change materials, enabling us to craft highly efficient and eco-friendly Thermal Batteries. PhaseStor, with over 35 years of unwavering dedication, has been at the ...

### **Phase Change Solutions**

Phase Change Solutions is a global leader in temperature control and energy-efficient solutions, using phase change materials that stabilize temperatures across a wide range of applications.



### Products - savENRG®

Hydrated Salt Phase Change Materials (PCM) are water-based salt solutions engineered for efficient thermal energy storage through latent heat absorption and release. With a higher density than ...



### [Phase Change Materials for Thermal Energy Storage , PLUSS](#)

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### [Trending applications of Phase Change Materials in sustainable ...](#)

In this context, phase change materials (PCMs) have emerged as key solutions for thermal energy storage and reuse, offering versatility in addressing contemporary energy challenges.



### [Phase-Change Material Thermal Energy Storage in HVAC& R ...](#)



One method of achieving load-shifting is thermal energy storage via phase-change materials integrated with HVAC& R systems. A potential added benefit of phase-change materials is a ...



[Phase change materials: classification, use, phase transitions, and](#)

Most of the research studies on phase change materials (PCMs) have been generally devoted to the development of PCM-based energy storage technologies, the promotion of PCM ...



## Contact Us

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For catalog requests, pricing, or partnerships, please visit:

<https://www.iwap.com.pl>

Phone: +34 919 456 782

Email: [info@iwap.com.pl](mailto:info@iwap.com.pl)

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