



# Sunamp refrigeration temperature range

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affordable, renewable energy. sustained by compact thermal storage. Sunamp's mission is to transform how we generate, store and use heat in order to make a significant global impact on tackling climate change and safeguarding our planet for future generations.

Across a range of temperatures. We can change the trigger temperature when Plentigrade melts and freezes. This means Sunamp batteries can be used for cold, ambient or hot temperature applications. For example: -22°F (-30°C) for refrigeration; 41°F (5°C) for cooling such as cold chain storage; 136°F (58°C) for domestic hot water and space ...

Wide temperature range. Plentigrade discharges at a consistent, controlled temperature. Reliably, safely and efficiently. This means our thermal batteries can be used to freeze -22°F (-30°C), refrigerate 41°F (5°C) or warm 136°F (58°C), and even sterilize 244°F (118°C) in many different settings.

Sunamp PCMs are internally developed, and generally inorganic, non-flammable materials. Values indicate phase change temperature. Operating temperature range typically 40 ... >100 °C (90 ... >200 °F) around phase change temperature - consult Sunamp.

Commercial and industrial

Hot water &#8211; Thermino

Cooling &#8211; Permafrost

Find stockist and installer

Reducing fossil fuel reliance in a single family home in Long Island, NY

Lowering energy use and emissions in a multifamily building in Troy New York, a NYSERDA project

Sunamp thermal batteries reduce peak load in a New York office building: a NYSERDA program

Cutting 100% oil consumption by using Sunamp thermal battery with solar PV &#8211; NYSERDA NextGen Buildings Innovation Program

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