

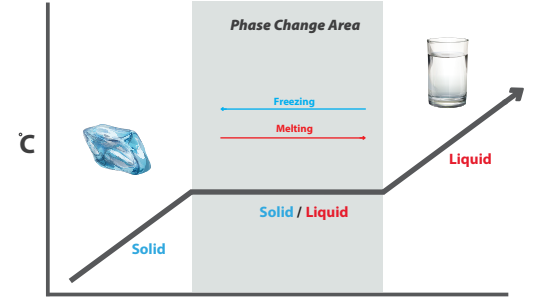
What is Smart Thermal Battery (PCM) ?

Smart Thermal Batteries are substances that absorb and release thermal energy (heat) during melting and freezing.

They absorb the surplus heat during melting and release the stored heat during freezing. Thus, they are classified as latent heat storage units.

Advantages of Using SMART THERMAL BATTERY

- Saves energy.
- Keeps the temperature change under control.
- Evens temperature fluctuations.
- Provides predictable and large thermal energy storage.
- Economical & environmentally friendly.
- Provides specific secure solutions for different application areas.



ProPCM Solutions

NEGATIVE TEMPERATURE APPLICATION

- Frozen Food Transportation
- Temperature Controlled Packaging
- Ice Cream Vending
- Medicine & Vaccine Transportation
- Marine Refrigeration
- Cold Storage

POSITIVE TEMPERATURE APPLICATION

- Chilled Food Transportation
- Beverage Cooling & Vending Machines
- Medicine & Vaccine Transportation
- Telecommunication Shelter Cooling, Electronic Enclosure Cooling
- Battery Cooling
- Catering

ProPCM Products

ProCOLD SERIES

	Phase Change Temperature (°C)
CS-22	-22
CS-16	-16
CS-6	-6
CS-3	-3
CS-1	-1

ProWARM SERIES

	Phase Change Temperature (°C)
HS+5	+5
HS+18	+18
HS+40	+40
HS+50	+50