



*Leading the Way with  
bio-based PCM Innovations*

## FEATURES & BENEFITS:

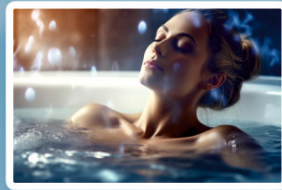
- Thermal Energy Storage Cylinder/Heat Battery
- Strong and Durable Tri-layer, High R-Value, Containment
- 100% Natural High Latent bio-PCM Technology
- Intelligent Integrated Backup Heater System - Peak Demand/PV
- 5 & 10kWh Options - Modular Connection up to 20kWh in a single
- Tuned for use with Low Temperature Heat Pumps
- Compatible with Multiple Heat Sources - Heat Pumps, Boilers & Solar
- Emergency Backup Storage
- Load Shifting Ability - Reduce Costs by Lowering Tariffs
- PV Zero Emissions Option
- Grid Tie Capable for Demand Response/Grid Stabilisation

## COMPATIBILITY (Primary Heat Source)

- Solar PV / GSHP
- High Temp ASHP
- Low Temp ASHP
- Boiler Universal
- Hot Water
- Emergency Electric Back Up
- Peak Demand Immersion
- Mains Electric



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### Eco-Friendly Manufacturing:

- Traditional tanks: high environmental cost due to energy-intensive production.
- Phasestor batteries: lower carbon emissions in production and transport, supporting circular economy and water conservation.

### Sustainability and Innovation:

- Core material: bio-PCM, local, 100% renewable, high-energy, non-toxic, biodegradable.
- Compact design: stores more energy, less space, reduced heat loss.
- Enhanced insulation: extremely low standby losses, long-term energy storage, less waste.

### Grid Stability and Cost Efficiency:

- Superior energy retention: offers grid and utility providers demand response/load shifting options.
- Time-of-use benefits: store energy during low-cost periods, use when needed, consistent thermal comfort.

### Future-Ready Technology:

- Designed for tomorrow's eco-conscious homes.
- Contributes to a cleaner, sustainable, safer planet for future generations.

H Range Model / Name	Application	Product Code	Capacity				Dimensions			Pipe Connection			Compatability (Primary Heat Source)								Heat Source Flow Temp		Heat Loss Rate		
			kW	Equiv Cylinder Size (Ltrs)	V40 (Ltrs @55)	V40 (Ltrs @65)	Width	Depth	Height	Heating Supply & Return	Cold Water	Hot Water	Universal	Boiler	LT ASHP	HT ASHP	GSHP	Solar PV	Mains Electric	Peak Demand Immersion Option	Emergency Electric Back Up	Min	Max	kWh/24	
DIRECT Mains Electric and PV Connection	Hot Water	PS-100-H-D	6	90	90	108	590	590	553	28.5	22	22	N	N	N	N	N	N	Y	Y	Y	Y	53	80	0.65
	Hot Water	PS-200-H-D	10	200	190	215	590	590	838	28.5	22	22	N	N	N	N	N	N	Y	Y	Y	Y	53	80	0.74
	Hot Water	PS-300-H-D	12	285	285	302	590	590	838	28.5	22	22	N	N	N	N	N	N	Y	Y	Y	Y	53	80	0.83
INDIRECT Mains Electric PV Connection Low & High temp HP & Boilers	Hot Water	PS-100-H-I	6	105	90	105	590	590	553	28.5	22	22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	53	80	0.65
	Hot Water	PS-200-H-I	10	225	190	215	590	590	838	28.5	22	22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	53	80	0.74
	Hot Water	PS-300-H-I	12	290	285	302	590	590	225	28.5	22	22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	53	80	0.83