



THERMINO

Thermino ePV – A direct cylinder alternative that delivers hot water more efficiently from solar PV. Grid electricity provides greater flexibility when needed.



Thermino ePV

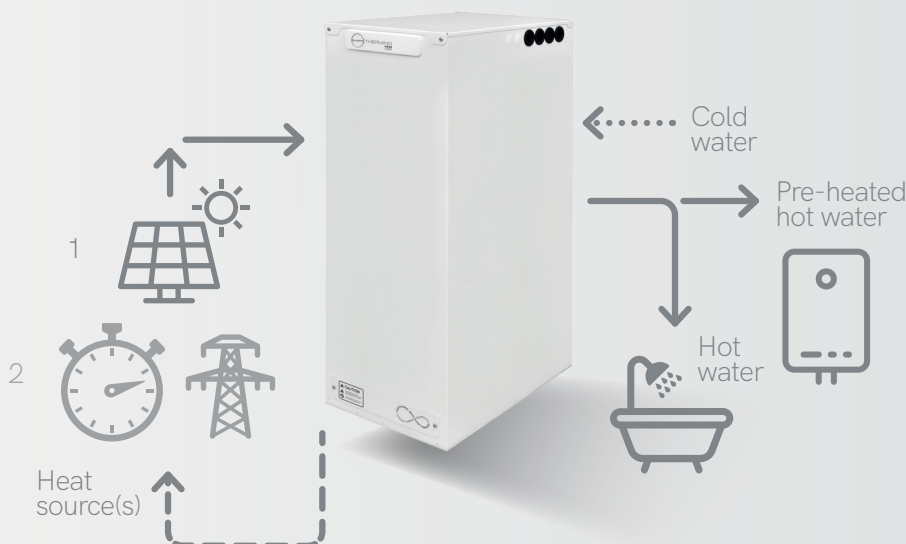
PV ready heat batteries optimise self consumption of electricity generated for free. For even greater flexibility, Thermino ePV heat batteries use off peak electricity from the grid to top up the charge automatically when required.

The Thermino ePV can also keep costs down by pre-heating water for a combi boiler or it can be used as a highly efficient stand-alone water heater to ensure instant, mains pressure hot water for all household taps and showers.

Super-compact to free up valuable storage space, these products are available separately or as a myenergi eddi package* and are the ideal replacement for traditional vented and unvented hot water cylinders and hot water only thermal stores.

*Other power diverters can be used with this product. Please consult Sunamp for more information.

How it works - Thermino ePV



Key features

- Space-saving – up to 4 x smaller than the hot water cylinder it replaces
- Hot water for free – stores surplus energy from solar PV that would be otherwise lost back to the grid
- Lower heat losses – up to 4 x higher energy efficiency
- Low heat losses – from only 0.48 kWh a day
- High flow rate hot water
- Instantaneously heated for hygiene and freshness
- Fast and easy to install – no tundish, no high temp discharge pipework and T&P safety valve to maintain
- No mandatory annual maintenance
- Market-leading 10-year warranty on the heating element

Thermino ePV technical data and dimensions

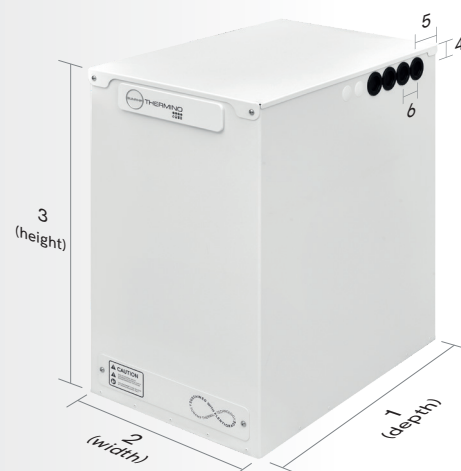
	70 ePV	150 ePV	210 ePV	300 ePV
Manufacturer's part number	SGP-BAW-ATZ-1	SKP-BAW-ATZ-1	SNP-BAW-ATZ-1	DRP-BAW-ATY-1
Equivalent hot water cylinder size (L)	74	140	212	306
V40 (L)*	105	199	301	436
Heat loss rate (kWh/24) (W)	0.48 (20)	0.67 (28.1)	0.77 (32.1)	0.84 (35)
Energy efficiency rating class	C			
Recommended flow rates (LPM)	6	15	20	25
Minimum mains supply pressure	1.5 bar (0.15 MPa)			
Maximum mains pressure	10 bar (1.0 MPa)			
Hot water temperature	45-55°C			
Connected load at 230v, 50hz (W)	2,800			
Annual electricity consumption (kWh/annum)	542	1,398	2,690	2,701
Product weight in use (kg)	79	139	178	233

* V40 refers to the volume (in litres) of hot water available at 40°C.

NOTE: In line with UK Building Regulations, Sunamp advise the installation of a suitable hot water supply tempering valve at the outlet of the appliance, to prevent the risk of scalding.

Dimensions

(mm)	70 ePV	150 ePV	210 ePV	300 ePV
Dimension 1	575	575	575	575
Dimension 2	365	365	365	365
Dimension 3	440	640	870	1,050
Dimension 4	37	37	37	37
Dimension 5	78	78	78	78
Dimension 6	50	50	50	50



Optional extras



500ml expansion vessel
C5407



Tempering valve
C5388



myenergi Eddi energy diverter
C2160
(in selected markets only)