



THERMINO

Thermino iPV - Delivers hot water efficiently from solar PV and boiler as an indirect cylinder alternative. With grid electricity backup for greater flexibility when required.



Thermino iPV

Marrying a solar PV system with a Thermino iPV provides households with cascades of hot water, even when the sun doesn't shine. It works by storing surplus electricity from solar PV that would otherwise be lost to the grid, giving an abundance of hot water for free when it's needed. A secondary heat source, such as a boiler, is always ready to take over when the sun is not shining.

Super-compact to maximise space in the home, 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 iPV



Key features

- Space-saving - up to 4 x smaller than the hot water cylinder it replaces
- Modular - easily combined to increase storage capacity
- Lower heat losses - up to 4 x higher energy efficiency
- A+ energy rating - saves up to 1000 kWh a year
- 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 iPV technical data and dimensions

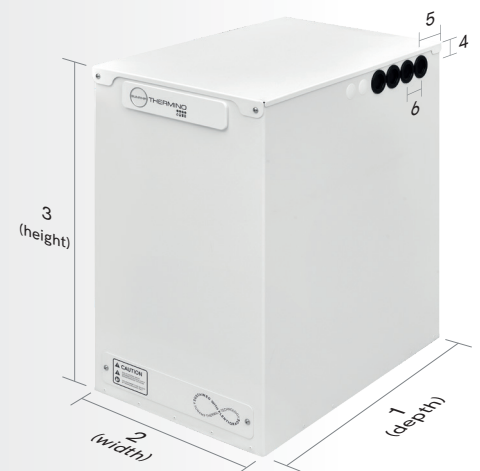
	150 iPV	210 iPV	300 iPV
Manufacturer's part number	DKP-DBW-ATZ-1	DNP-DBW-ATZ-1	DRP-DBW-ATZ-1
Equivalent hot water cylinder size (L)	142	212	284
V40 (L)*	185	300	370
Heat loss rate (kWh/24) (W)	0.67 (28.1)	0.77 (32.1)	0.84 (35)
Energy efficiency rating class	A+		
Recommended flow rates (LPM)	15	20	25
Minimum heat source flow temperature	65°C		
Maximum heat source flow temperature	80°C		
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		
Product weight in use (kg)	136	187	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)	150 iPV	210 iPV	300 iPV
Dimension 1	575	575	575
Dimension 2	365	365	365
Dimension 3	640	870	1,050
Dimension 4	37	37	37
Dimension 5	78	78	78
Dimension 6	50	50	50



Optional extras



500ml expansion vessel
C5407



Tempering valve
C5388



myenergi Eddi energy diverter
C2160
(in selected markets only)