



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.

Old technology



Thermino



Space-saving – up to 4 times smaller than the hot water cylinder it replaces

Modular – easily combined to increase storage capacity

Lower heat losses – up to 4 times higher energy efficiency

A+ energy rating – saves up to 1000kWh a year

High flow rate hot water

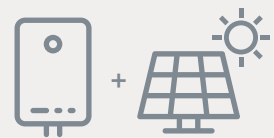
Instantaneously heated for hygiene and freshness

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

Heat source Thermino iPV



Boiler & PV

A SUSTAINED WITH TECHNOLOGY
SUNAMP THERMAL PLENTIGRADE

Quality assured



World leading
thermal storage
technologies

www.sunamp.com

Edinburgh | Zurich | New York

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 volume of hot water	185	300	370
Water content – primary circuit (L)	3.7	5.3	6.4
Water content – secondary circuit (L)	3.7	5.3	6.4
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 (empty) (kg)	136	172	220

*This data assumes an incoming mains water temperature of 10°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.

(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

