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# SP501 SOLAR PRO

## Solar Hot Water System (4.75 SQM with MPPTt)

**Description:** this is a PROFESSIONAL level solar hot water system designed to retrofit into existing homes or be installed into new homes.

**Operation:** whilst it will work all year round, it is designed for:

- primary ALL YEAR ROUND use in UK/Ireland ( 3-6 persons)
- all year round use in sunny climates



Components	Description	Quantity
SP501 Solar Collectors	Fully Assembled Solar Collectors, (collector package includes, long life roof mounting kit and plumbing kit)	5
Circuit pipe work	DN12 Solaflex Stainless Steel (10M, 15M, 25M)	choose
Circuit pipe work	DN12 fittings to connect the pipe work	6
RESOL Pump Station	Model: PAW Flowcon pump station with BS Plus controller (do not use dual channel pump stations as the high temperatures in Surface Power collectors can melt plastic non-return valves) USE SINGLE CHANNEL PUMP STATION ONLY.	1
Expansion vessel & Bracket Kit	Model: Matching 18L expansion vessel for PAW Flowcon pump station as listed above.	1
Antifreeze	Tyfocor or Total Fluid Solutions - (Premixed)	1
Circuit fluid	Use premixed antifreeze only for -30C	1
Roof sealant	Tube of specialised roof sealant	1
Roof entry	Gasket, lead, vent tile or other suitable entry point, (both pipes enter through 1 point only)	1
Solar Cylinder	300L; There are various dual coil solar cylinders available, send us the specifications if you are unsure, (copper or stainless steel)	Options
Online Services	Full online support & user interface options available	Option

Contact support for any assistance on [support@surfacepower.com](mailto:support@surfacepower.com)