

Switch now and save thousands of dollars on your high energy costs while reducing your carbon footprint



The Solflow Hybrid Controller

SolFlow's smart technology represents a world first for Australia. At its heart sits an advanced hybrid controller that can switch seamlessly between solar energy or mains electricity, as required. A power-sharing arrangement that keeps your pool sparkling clean – and at just the right temperature – all year round for a much lower cost!

Simple and easy to install

At the heart of the SolFlow system sits a smart technology hybrid controller that utilises solar energy or mains electricity if required. When the sun is shining, 100% of the pump's power needs are generated from solar panels on your roof. If it gets cloudy then the system will use some mains electricity in a power-sharing arrangement that keeps your pool sparkling clean – and manages the pool heating – all year round for a minimal cost!

In addition to significantly reducing your power bills,

the system is designed to put you in control, because you decide how much mains power can be used to obtain optimal operating efficiency and water flow. If set correctly, and it's slightly different for every pool, 90% or more of the required power will come from the solar panels, no matter whether you are only filtering OR filtering and heating your pool.



Technical Specifications

MODEL	POWER	MAX FLOW	MAX HEAD	INLET/OUTLET
SF900	900W	350L/min	19m	40mm
SF1200	1200W	516L/min	19m	50mm

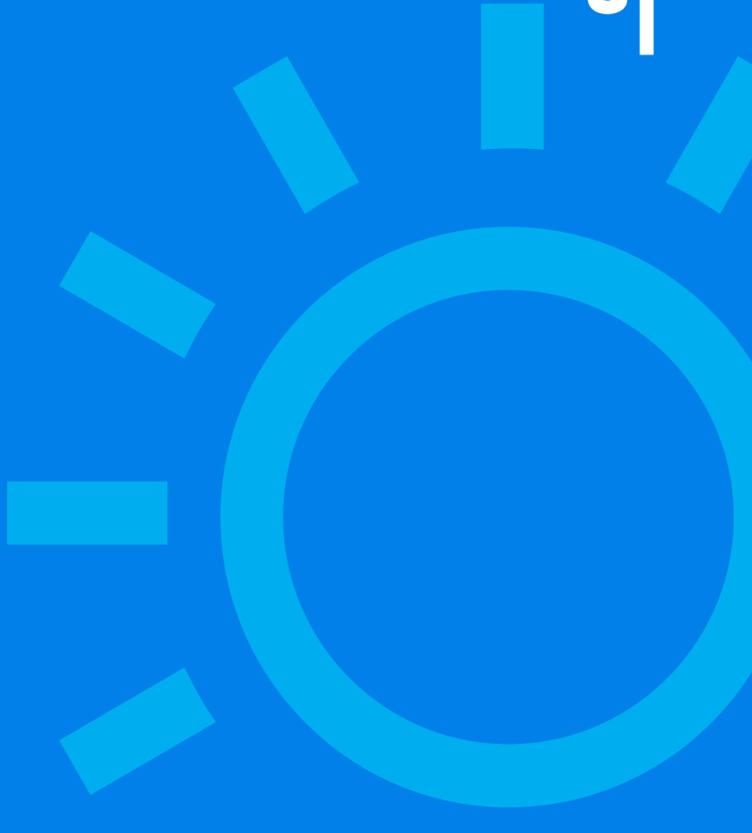
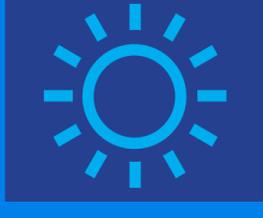
SF900 has the option of either 3 or 6 panels depending on pool size and water flow requirement

About Solflow

SolFlow is an innovative Australian company developing and manufacturing PV Direct Products. Established in 2000 with offices in Darwin N.T. and a manufacturing plant in Adelaide. Our focus is on creativity, invention and energy neutral solutions. We maintain a full-time Research & Development Division that has successfully developed a range of innovative PV Direct energy DC products, powered directly by PV solar panels

and utilising our Patented Hybrid Technology. Our focus is on DC energy appliances as we believe this is the key to making the dream of being 'energy neutral' an economic reality.

Our ultimate aim is to make as many Australians as possible self sustainable and Australia itself a world leader in PV Direct technology. Just as our sunburnt country should be...



PV DIRECT HYBRID POOL PUMP

A world first in pool technology



SolFlow is proud to be an affiliate company of Darwin Solar and Energy Mate Australia

SALES ENQUIRIES

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24/7 Continuous Operation Energy Efficient

Swimming pools are an integral part of the modern Australian lifestyle and can be found in many homes right around the country.

But amidst all the laughter, splashing and sunshine there are also concerns about the costs associated with keeping your pool clean and at the right temperature for maximum enjoyment all year round.

That's why so many pool owners are upgrading to the Solflow PV Direct hybrid pool system, a world-first designed right here in Australia. It heats and filters your pool - keeping it sparkling clean and at the right

temperature all year round - using solar energy when the sun is shining, then switching seamlessly to mains power when it is cloudy to maintain continuous, efficient operation.

You not only save big dollars off your annual energy bills, you also need far less pool chemicals.

Pool pump available in 500w - 1200w power range.



Solflo
SOLAR POWERED PRODUCTS

The Solflow System's hybrid Technology offers you so many more advantages

The pump will prime first thing in the morning, which is something that a traditional solar-pool system cannot do and conducts a system check.

☀️ Should a cloud come over the PV Array, the pump will not stall and put the chlorinator on standby; it simply continues to run at a set minimum speed. Again this can't be done with a traditional solar pool system.

☀️ The system's brushless DC pump can be operated in the evening if the pool is in use. Brushless DC (Direct Current) motors are almost twice as efficient as AC (Alternating Current) motors

☀️ The heating control is incorporated into the Solflow controller itself, which means both heating and filtering is achieved with the ONE solar powered pump.

The combination of our electronics and DC motor with high-strength rare earth magnets creates over 97% efficiency.

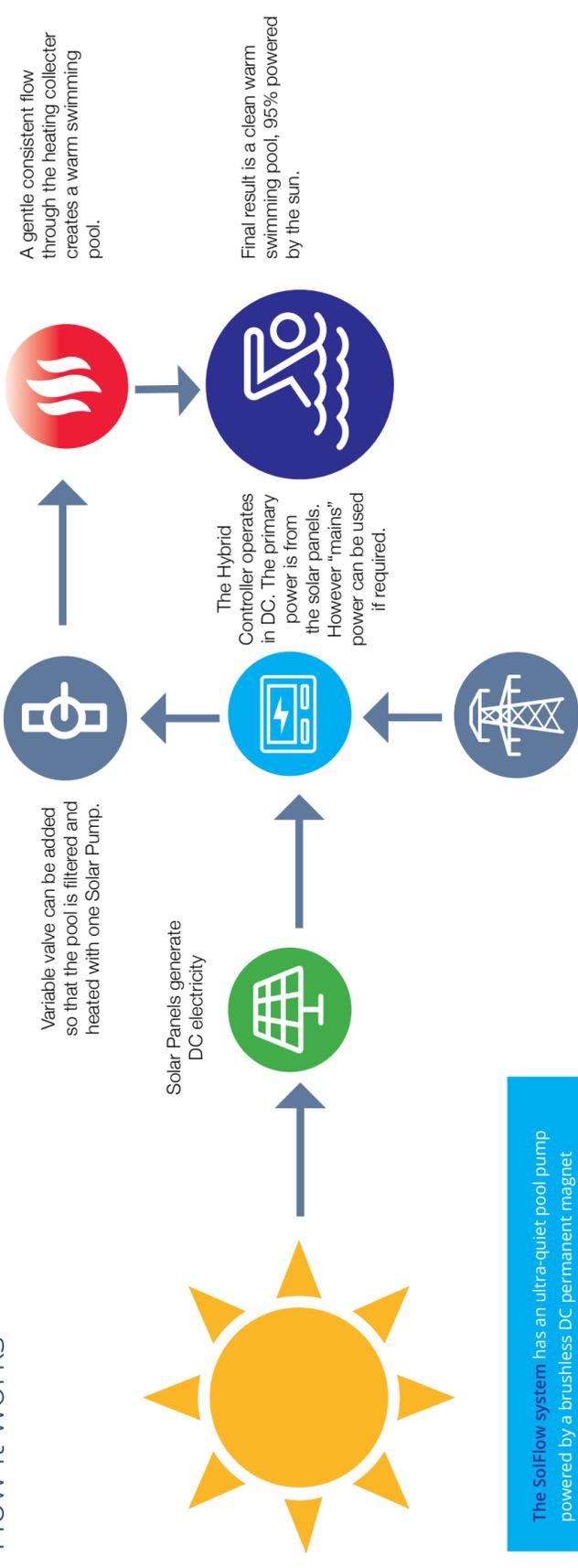
"Australian designed and manufactured to the highest quality Australian standards especially for Australian conditions."

Purchase the Solflow PV Direct Pool System and you will generate savings from day one and that's just the start. The average 5kw grid system produces 20kw a day, whilst the average pool filter system consumes 12kw and if heated 22kw a day. Solflow technology is the key to keeping your grid connect system free to power the house and battery storage if required.

It will pay for itself in just a few years and achieve an energy neutral cost and be free of the ever increasing electricity costs and energy secure.

You'll also be increasing the value of your property.

How it works



The Solflow system has an ultra-quiet pool pump powered by a brushless DC permanent magnet motor that draws its energy from solar panels. The system can be used for a wide range of pool sizes, with pumps ranging from 180 litres per minute up to a powerful 500 litres per minute.

Why Choose SolFlow?

- Australian creativity and inventiveness
- Designed & manufactured especially for Australian conditions
- A world leader in PV Direct technology and products
- Lower energy costs than conventional solar
- 24/7 operation; set & forget
- Super efficient, long life brushless DC motor
- One pump for heating & filtering
- Ultra quiet performance
- Zero emissions
- Energy independence
- Long term product warranty
- No approval required from electricity supplier

