



SOLAR AC/DC HYBRID POOL PUMP SYSTEMS

Our unique Hybrid AC/DC pool filtration system intelligently blends the two power sources together to create the highest energy efficient pool system in the world. With added motorised actuator control, you can heat and filter your pool at a fraction of the running costs of other systems. The smart Hybrid drive control is "PV Ready" and can operate the pool system solely on Mains AC or, when PV panels are added and the sun is shining, power your total system for free while maintaining the added security that Mains power provides plus ensuring your pump primes effortlessly every morning from mains power.

- Solar Ready! Solar Panels can be added at any time
- Plug and Play ready, easy to set up.
- Energy Saving season modes
- Customisable settings for various pool sizes



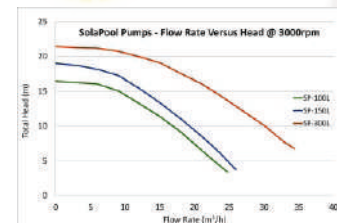
SOLAR AC DC
JUST COMMON SENSE

- Designed and Made in Australia.
- AC/DC Hybrid Operation - Run for free on Solar with Mains power support.
- Smart control motorised heating actuator to heat your pool from the same filter pump.
- Smart "plug in" control, compatible with leading chlorinator units.
- Multiple programmable cleaning modes to minimise time and water wastage.
- Adjustable / Programable / Customisable parameters
- Smart auto priming with pump protection.
- Bright OLED display with sensor touch control.
- RPM / Pump Speed / Power setting display
- Pool temperature sensing as standard.
- Extremely quiet high quality DC pump.
- Fully adjustable variable-speed, energy efficient DC pump.
- Heavy duty bearings designed for longevity
- High quality long lasting Eagle Bergman ceramic mechanical seal.
- Large volume, easy to remove water basket.
- Industry standard 50mm connections
- Constructed from heavy duty, anti-corrosive and UV resistant materials for a long and reliable working life.
- Easily servicable pump with readily available components

Mains is waiting in the background to seamlessly take over at any time needed day or night. The Solapool system offers unsurpassed user flexibility delivering unrivaled savings when coupled with PV panels.



Suns up, then the pump is running for free



Control Unit Data

AC Voltage	230	VAC
AC Frequency	50-60	Hz
AC Max Current	10	A
AC Max Power	2300	W
DC Max Voltage	410	VDC
DC MPPT Range	40-400	VDC
DC Max Current	14	A
DC Max Power	3200	W

Pump Data

Pump Model	SP-100	SP-150	SP-300	
Nominal Power	0.75kW/1.0HP	1.2kW/1.6HP	2.2kW/3HP	kW/HP
Input Voltage (DC)	108	120	260	VDC
Nominal Current	7.3	9.2	8.2	A
Flow Rate	21	25	33	m³/h
Head	14.8	18.2	19.6	m
Speed	Variable	1000-3000	1000-3000	RPM
Max Water Temp	40	40	40	°C
IP	X5	X5	X5	
Insulation Class	F	F	F	
Connection (DIN)	50	50	50	mm PVC

Call or Email Us Today for a Free Consultation and Estimate!



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