

SSP500/900/1200 Solar Pool Pump



WATERBOY
SOLAR PUMPING SOLUTIONS



WATERBOY SP Swimming Pool Pumps are high quality products designed for use in residential and commercial swimming pools and spas. In most pool applications all of the filtration needs can be met directly from solar panels meaning no electricity costs and significant benefits to the environment. The WATERBOY pump uses a DC brushless motor for high efficiency and reliability, it is connected to a solar generator via a controller. The controller monitors the system, controls the pump speed and optimizes the amount of water pumped based on the power available.

There are three models to choose from to cater for all size pools and all situations. The WATERBOY SSP500, WATERBOY SSP900 and WATERBOY SSP1200. The WATERBOY SSP500 will cater for pools up to 70,000 litres. Electricity is supplied directly by three to four 200 watt panels (600 to 800 watts). The power is managed by a specially designed controller that utilizes MPPT technology. There are no inverters, just straight DC current from the panels directly to the pump via the controller, which means losses are minimal. The system is so efficient that it will continue to run even on partially cloudy days.

Benefits

- Zero energy costs provide a very fast return on Investment
- Longer life expectancy than standard AC motors
- Quiet and efficient
- Proven in service record
- Speed controllable to match the pool size exactly
- Smart modular design for simple and cost effective servicing and repair
- Fast and simple installation, direct replacement for an existing pool pump



SSP500

- 48V DC operation
- 500W 3 phase DC motor
- 17m³/h max flow rate
- 15m max head
- 3m positive lift
- 45°C max water temp
- Solar operation ~ 600-800W
- 2-year warranty

SSP900

- 72V DC operation
- 900W 3 phase DC motor
- 21m³/h max flow rate
- 19m max head
- 3m positive lift
- 45°C max water temp
- Solar operation ~ 1200-1500W
- 2-year warranty

SSP1200

- 72V DC operation
- 1200W 3 phase DC motor
- 31m³/h max flow rate
- 19m max head
- 3m positive lift
- 45°C max water temp
- Solar operation ~ 1500-2000W
- 2-year warranty