

WPS[®] SOLAR Pool pumps

WPP swimming pool solar pumping systems

Ensure an effective recirculation and filtration of the pool water with the WPP Solar swimming pool systems, that allows the use of solar energy – a renewable and free source – instead of electrical grid. The WPP Solar swimming pool system uses a synchronous AC motor to obtain a greater efficiency and reliability. By ensuring recirculation of water during daytime, which is the period of higher solar incidence and consequently, the greater spread of bacteria, it guarantees maximum efficiency.

This solution, without energy consumption costs, avoids the use of heavy, powerful treatments and reduces the risk of altering the quality of the water, with significant benefits for the environment.

With its low voltage AC permanent magnet motor, the WPP pool pump shows the best efficiency on the market, with a need of 3 solar panels 270 Wp only.



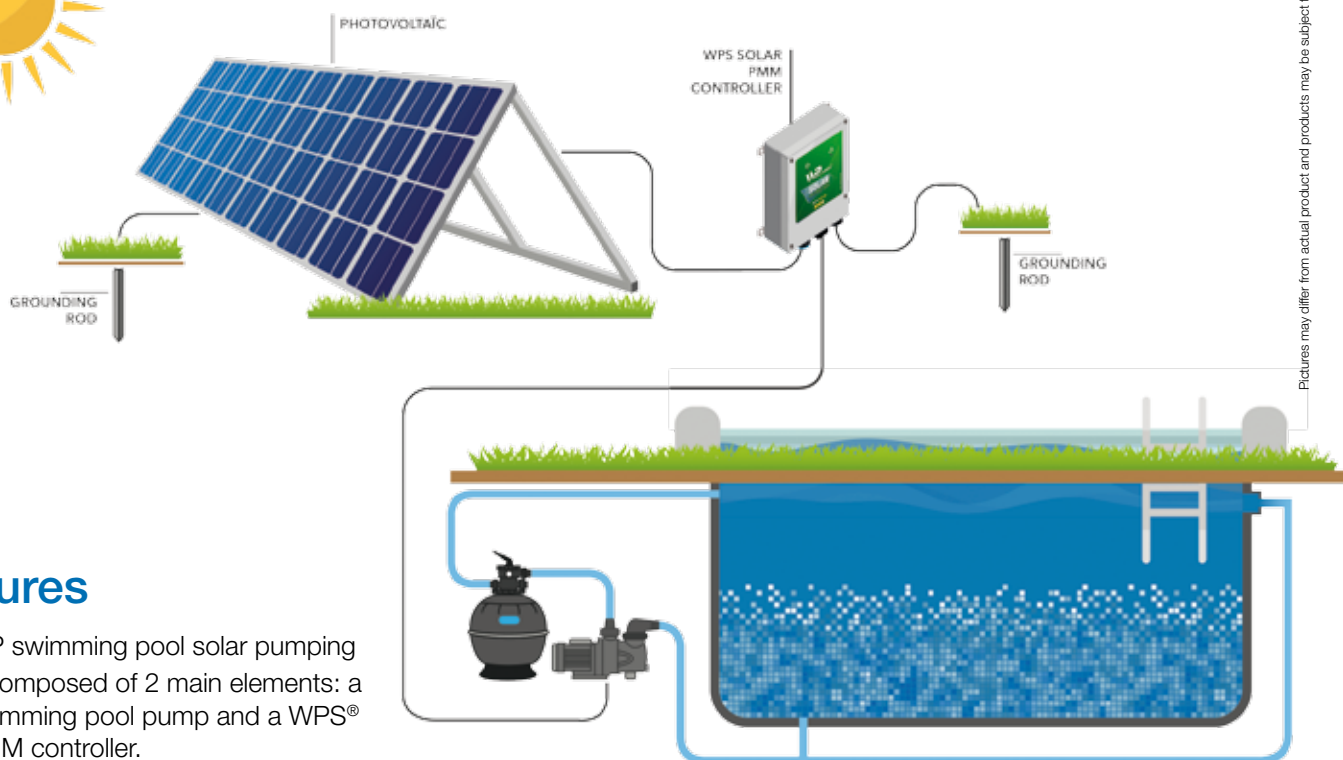
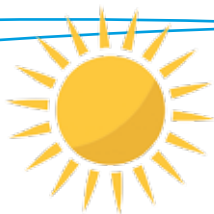
Advantages

- **Safe** – ensures intense recirculation of the pool water, which prevents the spread of harmful microorganisms to human health
- **Intelligent** – stand-alone system that goes on and off depending on solar radiation
- **Efficient** – less solar modules needed thanks to its Permanent Magnet motor for lower power needs
- **Compatible Power** – can be used with an AC-DC manual change-over
- **Economic** – 100% autonomous solution without any electricity costs

Applications

- Private (Public/condominium) swimming pool filtration system
- Water circulation
- Ponds
- Small waterworks
- Fountains and waterfalls





Pictures may differ from actual product and products may be subject to change without notice.

Features

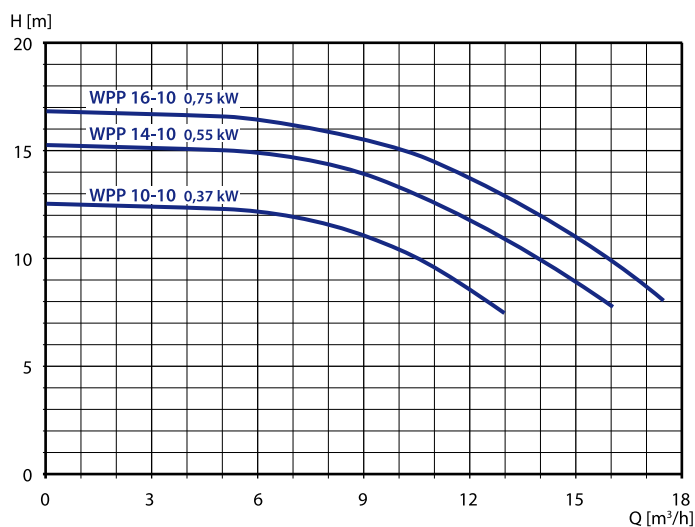
The WPP swimming pool solar pumping pack is composed of 2 main elements: a WPP swimming pool pump and a WPS® Solar PMM controller.

The WPP swimming pool pump:

- SiC/SiC mechanical seals
- Capacity up to 17 m³/h
- Working head up to more than 10 m
- Resists to chlorated water
- Three phase AC synchronous motor from 0,37 kW up to 0,75 kW
- Highest efficiency available in the market thanks to its permanent magnet motor
- 3x90 V working voltage
- Low level of noise during operation (less than 70 dBA)

The WPS® solar PMM controller:

- IP67 general casing
- MPPT (Maximum Power Point Tracking) algorithm, ensuring that the motor is always working at maximum power regarding the solar power available
- Motor overload and underload protection
- Plug-and-play motor connector
- Plug-and-play solar MC4 connectors
- For ambient temperature up to 40° C



Max. Flow	Up to more than 17 m ³ /h
Working head	10 m
Rated Voltage	3x90 V
Rotation Speed	3000 rpm
Power	from 0.37 kW up to 0.75 kW

BIGGER POWER FOR LARGE VOLUMES ALSO AVAILABLE, PLEASE CONTACT WELL PUMPS

Because water is your life

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