

## 3"WPS<sup>®</sup> PMM Solar pumps

### Submersible 3" pump with permanent magnet AC motor

The 3"WPS<sup>®</sup> PMM solar pumping system is the best solution in the market for solar pumping in narrow wells. The combination of a centrifugal stainless steel pump and an AC permanent magnet motor creates a perfect long-lasting product with high efficiency. Furthermore, the WPS<sup>®</sup> Solar PMM controller is a IP67 casted controller with MPPT integrated and plug-and-play connectors.



### Advantages

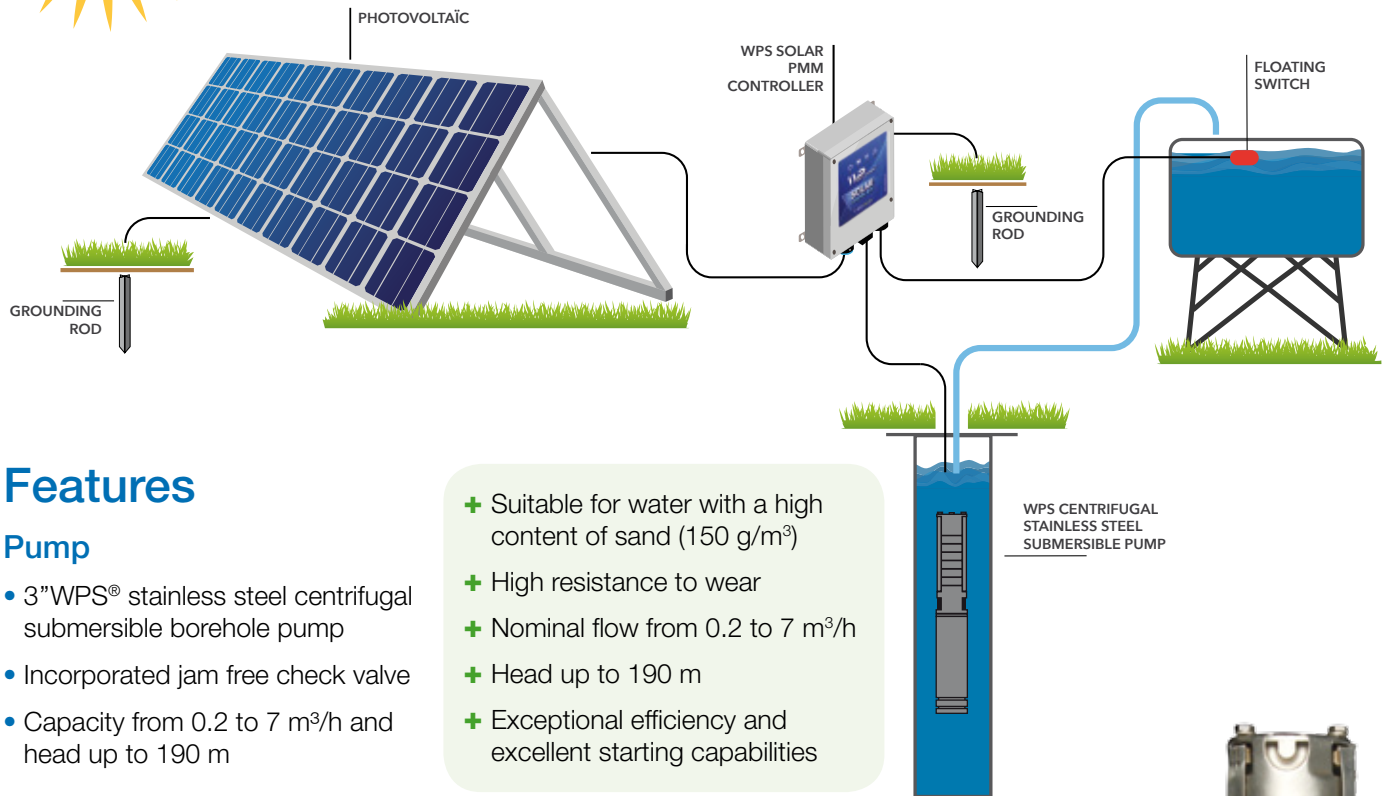
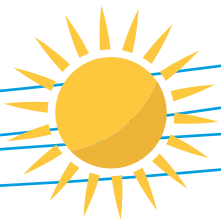
- **Robust** - Excellent resistance to wear pump and motor, IP67 controller
- **Long-Lasting** - Low heat dissipation of the motor during continuous operation
- **Efficient** - High global efficiency thanks to its permanent magnets
- **Low investment** - Needing only 2 to 8 solar modules to work
- **Easy** – plug and play connectors and informative LEDs
- **Suitable** – 3" pump and motor, fits in narrow wells



### Applications

- Domestic water supply
- Tank application
- Small scale irrigation project
- Small communities water supply
- Livestock water supply
- Small waterworks





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

## Features

### Pump

- 3"WPS® stainless steel centrifugal submersible borehole pump
- Incorporated jam free check valve
- Capacity from 0.2 to 7 m<sup>3</sup>/h and head up to 190 m

- + Suitable for water with a high content of sand (150 g/m<sup>3</sup>)
- + High resistance to wear
- + Nominal flow from 0.2 to 7 m<sup>3</sup>/h
- + Head up to 190 m
- + Exceptional efficiency and excellent starting capabilities

### Motor

- 3"WPS® PMM AC synchronous motor, three phase
- Voltage for 3x50 V to 3x120 V, power from 300 W to 1500 W
- Permanent Magnet Technology

### Controller

- WPS® PMM solar controller IP67
- MPPT (Maximum Power Point Tracking) system integrated
- Dry running protection
- Motor overload and underload protection
- Plug-and-play connectors
- Auxiliary contact for external switch
- Ambient temperature up to 40° C without derating
- Integrated LEDs for monitoring

Stainless steel impellers and diffusers

Generously dimensioned intermediate bearing

3" High speed AC motors

High efficiency permanent magnet technology

3" design (76 mm)  
Fits in very small casings



		3" PMM 300	3" PMM 600	3" PMM 900	3" PMM 1500
<b>Max. flow</b>	m <sup>3</sup> /day	25	40	40	40
<b>Max. head (TDH)</b>	m	25	50	75	125
<b>Motor power</b>	W	300	600	900	1500
<b>Motor voltage</b>	V	3x50	3x90	3x90	3x120

## Because water is your life

### WELL PUMPS S.A.

Avenue de Lambusart, 18, 6220 Fleurus, Belgium  
T. +32 71 46 07 83 | sales@wellpumps.eu

[www.wellpumps.eu](http://www.wellpumps.eu)

### WELL PUMPS PORTUGAL

R. Dr. Francisco Sá Carneiro, 597, Zona Industrial de Gandra, Fr. M,  
4740-010 Esposende, Portugal



Cofinanciado por:

