



## Application

- 4LPS Hybrid AC/DC Solar Submersible Pumps are fitted with a permanent magnet, brushless motor, which enables the efficient use of energy from a wide range of supply options. The pump system offers the perfect water supply solution in remote areas where water is scarce and the power supply is non-existent or unreliable.

## Pompe

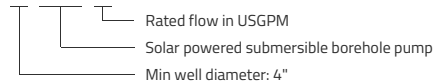
- Made of 100% stainless steel AISI 304
- Single shaft and impeller design removing any imbalance
- Minimal pump vibration and noise
- Long service lifetime of the motor

## Moteur

- Made of 100% stainless steel AISI 314
- Double outer and inner shielding structure
- Internal coil made from high-temperature tolerant, copper wire
- Efficiently protecting the motor under high-temperature environment
- Extended motor's service lifetime.
- Water-filling lubricated rotor with top and bottom graphite-made bearing and thrust bearing made with high precision
- Co-axial rotation efficiently reduces motor's vibration and noise and extend its service lifetime.
- Built-in, integrated Variable Frequency Converter with intelligent-speed control algorithm with a maximum speed 6000 RPM.

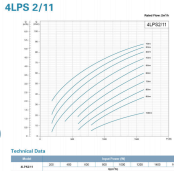
## Identification codes

### 4 LPS 2



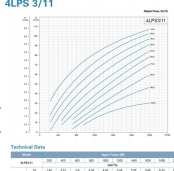
# Hydraulic performance

Total manometric height (m)



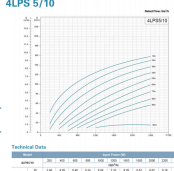
Model	300	400	500	600	700	800	900	1000
4LPS 2/11	0.95	1.35	1.75	2.15	2.55	2.95	3.35	3.75

Total manometric height (m)



Model	300	400	500	600	700	800	900	1000
4LPS 3/11	1.05	1.55	2.05	2.55	3.05	3.55	4.05	4.55

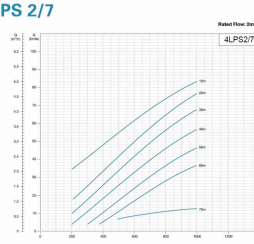
Total manometric height (m)



Model	300	400	500	600	700	800	900	1000
4LPS 5/10	1.15	1.65	2.15	2.65	3.15	3.65	4.15	4.65

Total manometric height (m)

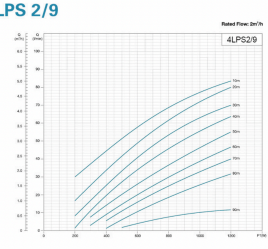
## 4LPS 2/7



Model	Total Power (W)							
	300	400	500	600	700	800	900	1000
4LPS 2/7	2.01	2.84	3.68	4.51	5.35	6.18	7.02	7.85

Total manometric height (m)

## 4LPS 2/9



Model	Total Power (W)							
	300	400	500	600	700	800	900	1000
4LPS 2/9	1.96	2.82	3.66	4.50	5.34	6.18	7.02	7.86