



HLVSP series

**Intelligent Permanent Magnetism Variable Speed pump
that you can rely on.**

Product Introduction

LASWIM creatively combines the most advanced technology with the professionally designed hydraulic structure of the swimming pool pump to create a more usable, quieter, more intelligent, more efficient and less expensive variable speed pool pumps.

Material:

Pump housing: PP+35% Filter basket: PP Shaft: 316
Mechanical Seal: stationary face-SiC, rotating face-Graphite, seal bellows-NBR, Spring- 316L
Impeller: PPO+30% GF Diffuser: PPO+30% GF

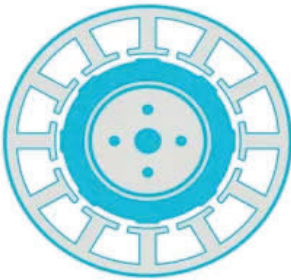




Intelligent HLVSP variable speed pump

Fully intelligent inverter technology, all application scenarios, precise control of pump operation.

- The pump can be remotely programmed and easily controlled with a smartphone.
- Easy to operate
- Quieter than ever before
- Smart variable speed pumps always run at their best.



Pump motor

Intelligent permanent magnet synchronous brushless motor allows 1000-2900RPM stepless speed regulation.

- Smooth operation, quieter, low maintenance cost, longer service life.
- Stepless speed regulation, more stable, no electric spark, no interference.
- Lower energy consumption, high efficiency, low vibration.
- IE4 motor, energy saving and eco-friendly.



Professional hydraulic structure design

30+ years experience in swimming pool field and professional hydraulic structure design.

- Larger flow, higher head.
- Efficiency and performance improvements
- Less vibration and noise.

Variable speed pump brings you more benefits!

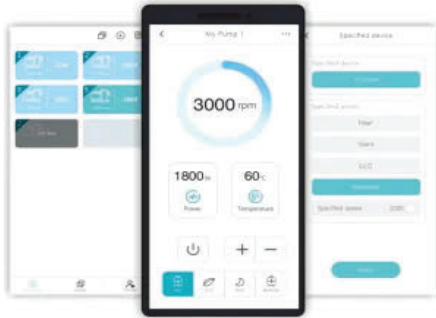


Simple and fast operation

- Comes with 4 pre-set most commonly used application scenarios.
- One-button tap, directly to the desired function.
- Stepless variable speed technology, 1000-2900 rpm can be adjusted freely to meet various professional needs.

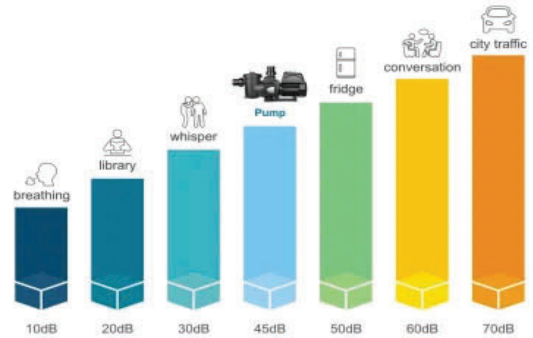
Intelligent

- All operations can be completed via mobile APP.
- Support centralized management of multiple devices, you can check the status of the water pump in real time, customize functions and the protection against accidental power failure.
- Support OTA upgrade, support firmware update.



Quiet

- HLVSP pumps reduce operating noise, featuring an upgraded motor drive that delivers quieter high-speed operation.
- Sound level 45dB in 1 meter at the speed of 1400rpm.



Energy saving

- HLVSP pumps reduce the energy by up to 90%, saving up to 12,614kWh (2hp pump runs in 365days).



High energy efficiency

- High efficiency motor IE4.
- Ambient temperature: up to 45°C (113°F)
- Insulation Class: F
- IP55 waterproof standard.
- Liquid temperature: 5~50°C (41~122°F)
- Maximum working pressure: 3.5bar

