

# LORENTZ S1-200 SOLAR POWERED SUBMERSIBLE WATER PUMP

## SPECIFICATION SHEET



### A small system with big performance

S1-200 pump systems have market-leading efficiency, delivering more water for your off-grid application using only the power of the sun. You can pump more than 27,000 liters [7,100 US gal] per day with one 200 Wp PV module. Motor and pump end are made of high quality materials for durability and reliability.



### Quick and easy self install

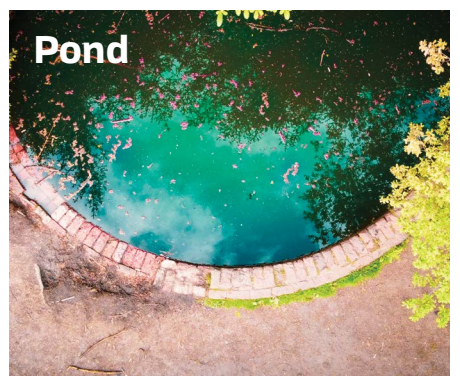
S1-200 is a complete system in a box. Installation is very easy, just connect the plugs and start pumping water. Even the pipe connection fits standard 1" hoses, so no special connections to contend with.

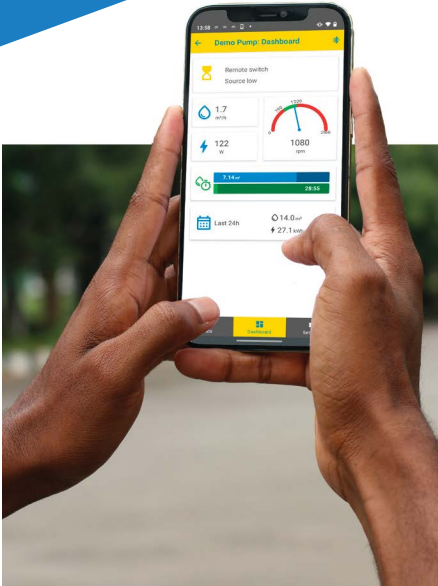


### Portable and flexible in use

S1-200 is compact and lightweight, ready to take away and carry under your arm. The system can be permanently installed or used in applications where it is moved everyday. The submersible pump is selfpriming and can be used in open water or wells. Just drop in the pump and start pumping.

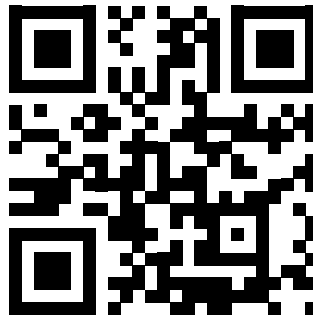
## Pump Water From Any Source





**App control & monitoring**

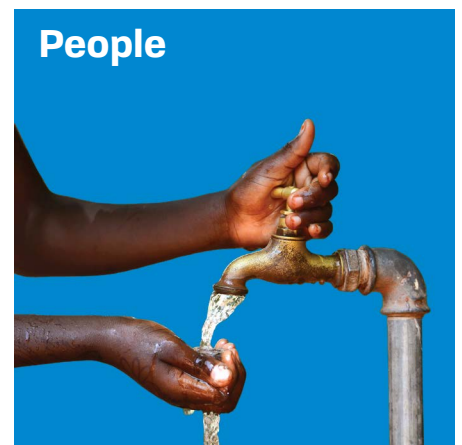
With the LORENTZ S-Connect App you can control and monitor your pump system. S-Connect gives you advanced settings such as speed control, daily amount targets and timers to automate pumping schedules. The app also monitors performance over time and assists with product support.



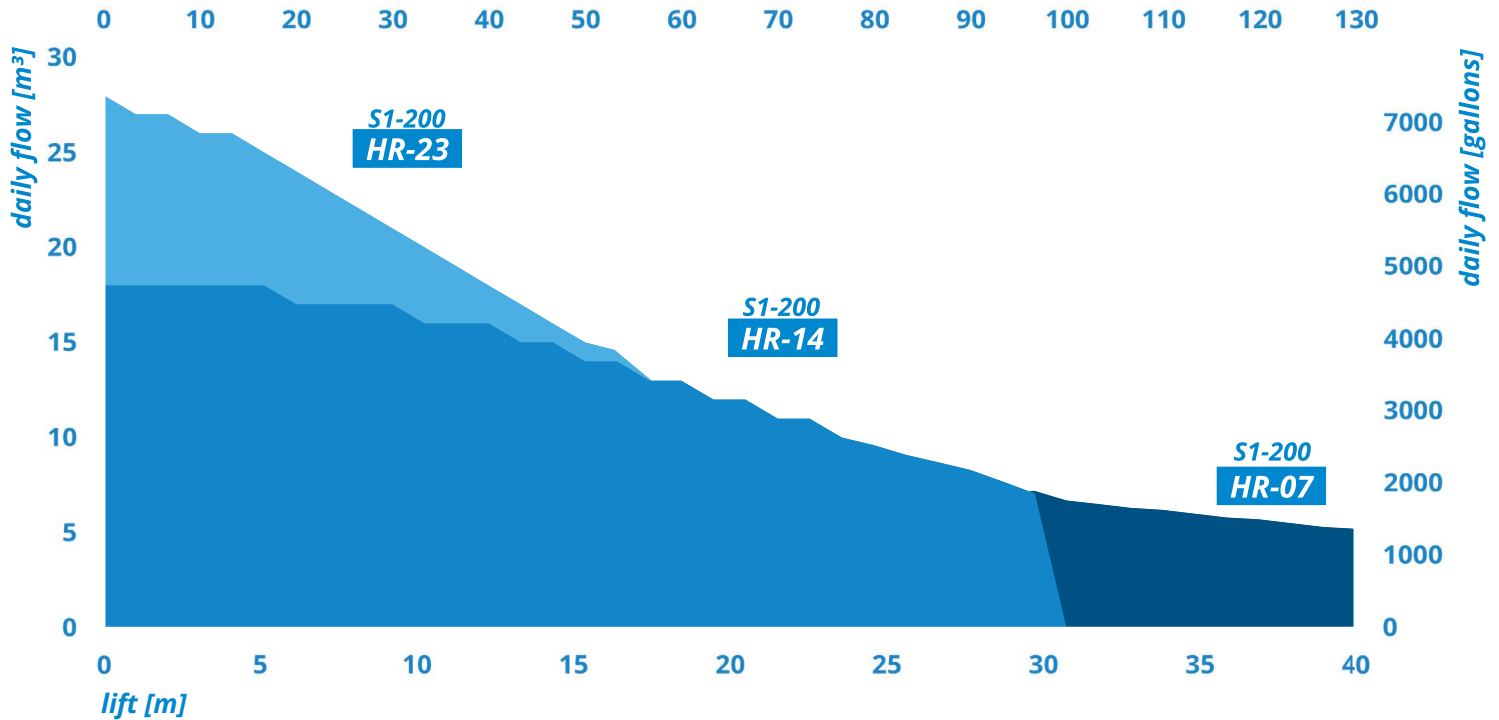
**The S1-200 system includes**

- Helical rotor pump with high efficiency DC brushless motor.
- pre-attached 15 m [50 ft] motor cable to plug into the controller.
- S1-200 mini controller with accessory inputs for dry run protection and tank full switch or remote tank switch.
- PV module adapter to use any standard PV module (max. 55 VDC).
- A hose clamp.
- One pair of screws for mounting the controller to the PV module.

**Pump Water For Any Application**



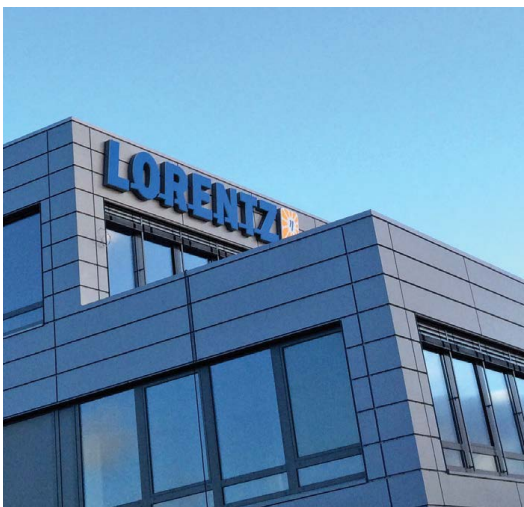
## Daily Performance



Data provided is the annual daily average based on using a single 375 Wp PV module at location 15N 0E.

There are three pump variants that cover the range of head and flows.

## Built by LORENTZ



LORENTZ is the global market leader in solar powered water pumping solutions. Founded in Germany during 1993 LORENTZ has pioneered, innovated and excelled in the engineering and manufacturing of solar powered water pumping. Today LORENTZ is active in over 130 countries through a dedicated network of professional partners.

LORENTZ S product range is specially designed to bring solar pumping to the widest audience. LORENTZ S products take the experience, quality, reliability and efficiency of LORENTZ world leading solar pumps and simplifies them for self installation. Millions of people, their animals and crops rely on LORENTZ pumps every day.