

Solar Self-Priming Surface Pump

A lightweight, mobile pump engineered for riverbanks, ponds, small lakes, and locations with changing water levels. Ideal for installers needing fast deployment and reliable suction.

Material

- Pump Head: Aluminum
- Pump Body: Aluminum
- Impeller: Iron
- Motor: Permanent-magnet BLDC, copper winding
- Cable: 2-meter blue waterproof round cable
- IP65 Solar Pump Controller



Advantage of solar pump

- Self-priming up to ~6 m suction lift – reliable starting even when positioned above water level
- Portable & lightweight – ideal for mobile irrigation and temporary pumping setup
- Frequent start/stop capable – robust motor design prevents stress during repeated operation
- MPPT-optimized – stable performance under cloudy or fluctuating sunlight
- Remote-control ready – supports monitoring and on/off operation through HOBERT systems

Peformance Datasheet

NO.	Model	Power (Kw)	Power (Hp)	Max. Flow	Max. Head	Outlet (inch)	Cable	Solar Panels
381	HD-SWP9-6-24-300	0.3	0.4	9m³/h	6m	1.5"	2m	580W*1
382	HD-SWP18-11-48-600	0.6	0.8	18m³/h	11m	2"	2m	580W*2
383	HD-SWP19-12-72-750	0.75	1	19m³/h	12m	2"	2m	580W*2
384	HD-SWP22-16-110-1100	1.1	1.5	22m³/h	16m	2"	2m	580W*3
385	HD-SWP36-12-110-1100	1.1	1.5	36m³/h	12m	3"	2m	580W*3
386	HD-SWP23-25-110-1500	1.5	2	23m³/h	25m	2"	2m	580W*4
387	HD-SWP23-25-180-1500	1.5	2	23m³/h	25m	2"	2m	580W*5
388	HD-SWP28-30-280-2200	2.2	3	28m³/h	30m	2"	2m	580W*7
389	HD-SWP45-15-110-1500	1.5	2	45m³/h	15m	3"	2m	580W*4
390	HD-SWP45-15-180-1500	1.5	2	45m³/h	15m	3"	2m	580W*5
391	HD-SWP50-20-280-2200	2.2	3	50m³/h	20m	3"	2m	580W*7
392	HD-SWP70-16-280-2200	2.2	3	70m³/h	16m	4"	2m	580W*7

Curve

