

DC SOLAR PUMP 3SPS SERIES

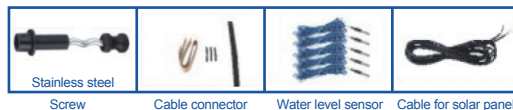
APPLICATION



ACCESSORIES

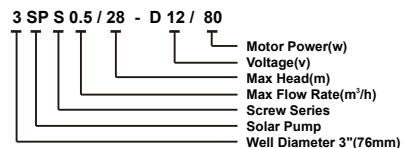
Pump controller, Screw, Cable connector, Water level sensor, Cable for solar panel

FREE ACCESSORIES



MATERIAL INSTRUCTION

Components	Material
Wiring	Copper wire
Shaft	①AISI 304 SS ②AISI 316 SS
Silicon steel sheet	Cold-rolled
Helical rotor	①AISI 304 SS ②AISI 316 SS
Bearing	①C&U ②NSK
Motor	Permanent magnetism, the BLDC motor
Outlet	①AISI 304 SS ②AISI 316 SS
Hydraulic cylinder	①AISI 304 SS ②AISI 316 SS
Screw & Nut	①AISI 304 SS ②AISI 316 SS
Pump body	①AISI 304 SS ②AISI 316 SS
Mechanical seal	①NBR ②CARBON-SIC/TC
Seal lubricant oil	Oil for food machinery and pharmaceutical use



ADVANCED TECHNOLOGY

1. Application innovation

Compared with the traditional alternating current machine, the efficiency is improved 25% by the permanent magnetism, direct current, brushless, non-sensor motor.

2. Technique innovation

Adopt double plastic package for rotor and stator, motor insulation $\geq 300M\Omega$, the motor security was much improved.

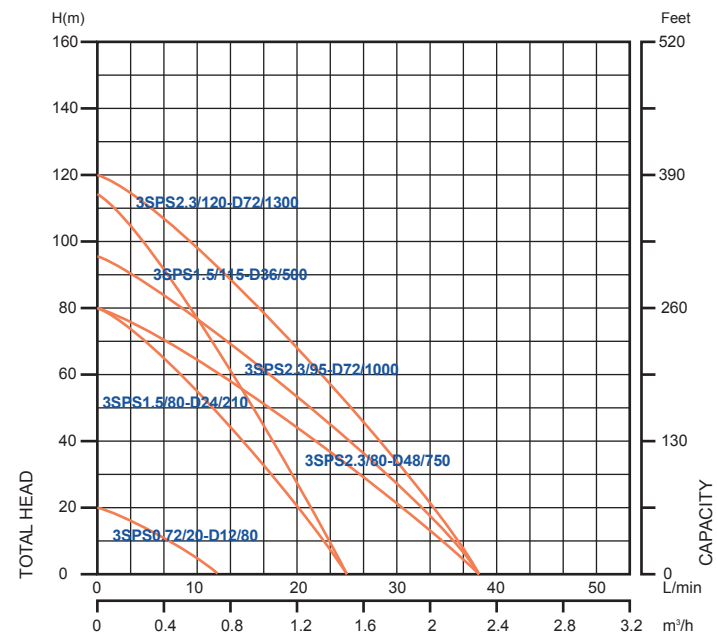
High technique products adopting MPPT and DSP chip technique.

3. Structure innovation

100% copper wire, cold-rolled silicon steel sheet. Stainless steel 304 shaft, motor body, screw. Natural rubber of Sealing and rubber stator.

PERFORMANCE CHART

OUTLET: G 3/4"



MODEL	VOLTAGE (V)	POWER (W)	MAX FLOW RATE (m ³ /h)	MAX HEAD (m)	OUTLET (in)	DIAMETER (mm)	GW (kg)
3SPS0.72/20-D12/80	8 - 26	45 - 150	0.72	20	3/4"	76	6.5
3SPS0.76/28-D12/120	8 - 26	120	0.76	28	3/4"	76	6.7
3SPS0.86/38-D12/150	8 - 26	150	0.86	38	3/4"	76	6.8
3SPS1.0/30-D24/80	16 - 36	45-150	1.0	30	3/4"	76	7
3SPS1.3/50-D24/140	16 - 36	80-200	1.3	50	3/4"	76	7.2
3SPS1.5/80-D24/210	16 - 36	100-270	1.5	80	3/4"	76	7.5
3SPS1.5/95-D36/270	24 - 48	140-350	1.5	95	3/4"	76	8
3SPS1.5/115-D36/500	24 - 48	320-800	1.5	115	3/4"	76	9
3SPS2.3/80-D48/750	36 - 72	480-950	2.3	80	3/4"	76	9
3SPS2.3/95-D72/1000	48 - 96	600-1200	2.3	95	3/4"	76	9.5
3SPS2.3/120-D72/1300	72 - 144	800-1500	2.3	120	3/4"	76	9.5