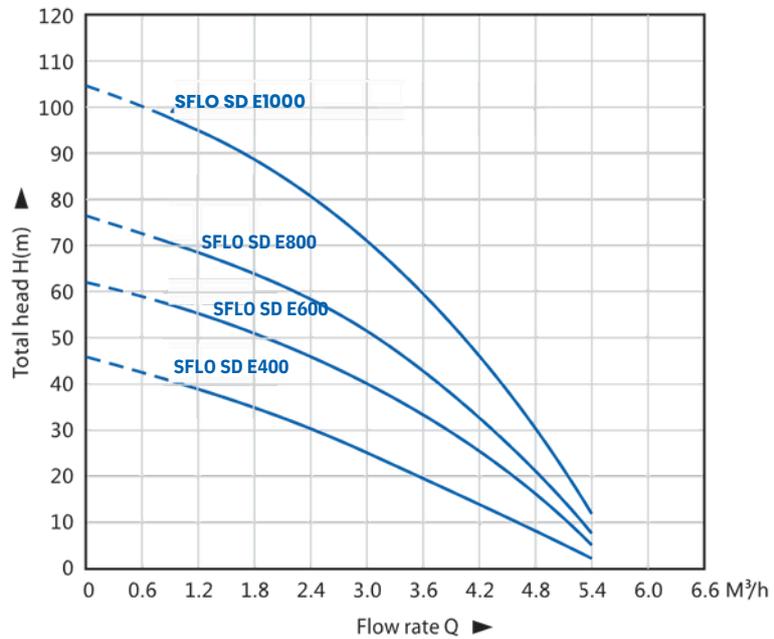


SFLO SD Centrifugal Solar Pump



PERFORMANCE CHART AT N=4500RPM

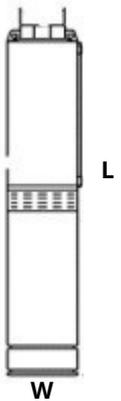


Typical Applications

- Ideal for water supply in off-grid and remote locations where traditional power sources are unavailable.
- Suitable for irrigation systems in fields and farms, enhancing water access efficiency.
- Provides a reliable water source for rural communities, promoting sustainable development.
- Useful for emergency situations, offering a solar-powered solution for temporary water supply needs.
- Adaptable to varying environmental conditions, offering flexibility in deployment for different climates and terrains.

Operating Conditions

- Non-corrosive water; the volume ratio of sand content no more than 3%; particle size less than 1mm
- Max medium temperature up to +40°C; PH value remains 5-10
- Work close to the rated head and must be immersed in water.
- Pump efficiency is 85% raises 20% than the traditional AC Pump
- New floating style impeller avoids axial pressure to the motor
- Compact structure high lift, noiseless
- Complete electric protecting controller against over and under voltage overflow, overload, dry running
- Automatic recovery
- Easy to Install



Technical Data

Model	W	Current (A)	Rated motor voltage	Solar Array Voltage(V)	Controller Max Input Voltage(V)	Max voltage (MPPT)	Peak Voltage (V)	Rated Motor Voltage	Open Circuit Voltage (VOC)	PV Modules (W)	DN (°)	Dimension (mm) Length	Dimension (mm) Width	Weight (kg)
SFLO SD E400	400	8.3	48V	50V-70V	96	24V-72V	≥50	48	<100	2X450W LV X1 ARRAY	1"	76	1020	17
SFLO SD E600	600	12.5	48V	50V-70V	96	24V-72V	>60	48	<100	2X450W LV X1 ARRAY	1"	102	658	34
SFLO SD E800	800	16.5	48V	50V-70V	96	24V-72V	>60	48	<100	2X450W LV X2 ARRAY	1,25"	100	860	21
SFLO SD E1000	1000	13.8	72	80V-110V	150	50V-108V	>112	72	<100	3X450W LV X2 ARRAY	2"	125	764	38