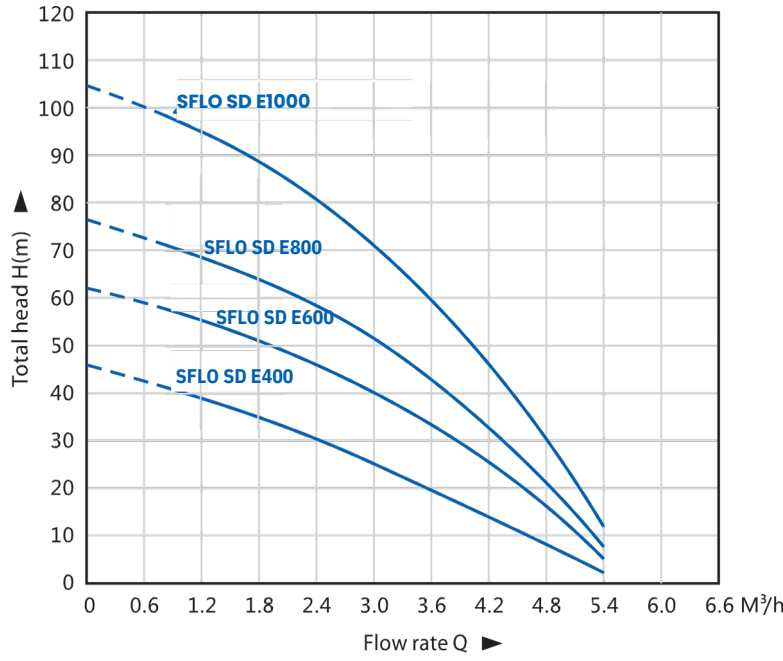


SFLO SD Centrifugal Solar Pump



PERFORMANCE CHART AT N=4500RPM

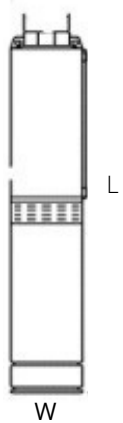


Typical Applications

- 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.



Technical Data

Model	W	Current (A)	Rated motor voltage	Solar Array Voltage(V)	controller Max Input	Max voltage (MPPT)	Peak Voltage (V)	Rated Motor Voltage	Open Circuit Voltage (VOC)	PV Modules (W)	DN (")	Dimensions (mm)		Weight (kg)
												Length	Width	
SFLO SD E400	400	8.3	48v	50V -70V	48	24v-45v	≥50	48	<100	1x450W LV X1 Array	1.25"	76	1020	17
SFLO SD E600	600	12.5	48v	50V-70V	72	24v-45v	>60	48	<100	2x450W LV X1 Array	1.25"	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	2x450W LV X2 Array	2"	125	764	38