

SFLO Solar Pump



Typical Applications

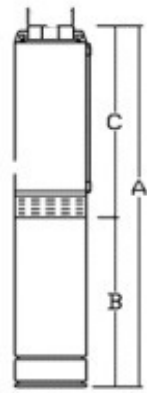
- Wells and boreholes for water extraction.
- Remote irrigation systems using solar energy.
- Livestock watering in rural areas.
- Community water supply in off-grid locations.
- Drip irrigation systems in agriculture.
- Solar-powered water distribution in farms.
- Off-grid water supply for homes.
- Water transfer in rural areas.
- Small-scale aquaculture projects.
- Greenhouse irrigation using solar power.

Operating Conditions

- Helical rotor pump for high lift. Higher efficiency, lighter weight
- High reliability, high-performance semiconductor devices applied, 98% conversion efficiency. Patented dynamic VI maximum power tracking (MPPT), good stability, 99% MPPT efficiency.
- Centrifugal pump for big flow. Automatic operation. Full protections. Ambient temperature -20 ~ +60°C.
- Optional remote monitoring (built-in or external)

Technical Data

Model	Pump	Power				Max voltage (MPPT Voltage)	PVConfiguraton	Dimensions (mm)				Weight (kg)
		kW	Max. Current (A)	Rated motor voltage	Max Voltage (VDC)			A	B	C	Outlet	
SFLO 200	Helical Rotor Pump	0.2	8.3	24	60	30-50	1x330W/36Vx1String	365	170	195	¾"	6
SFLO 500		0.5	10.4	48	100	60-80	2x330W/36Vx1String	375	180			7
SFLO 600	Centrifugal Pump	0.6	12.5	48	100	60-80		500	200	320	1¼"	7
SFLO 1100		1.1	10	110	200	120-160	4x330W/36Vx1String	630	200	430		8
SFLO 1500		1.5	13.6	110	200	120-160	6x330W/36Vx2Strings	690	200	490		10



Performance Curves

