

Pumping Inverter



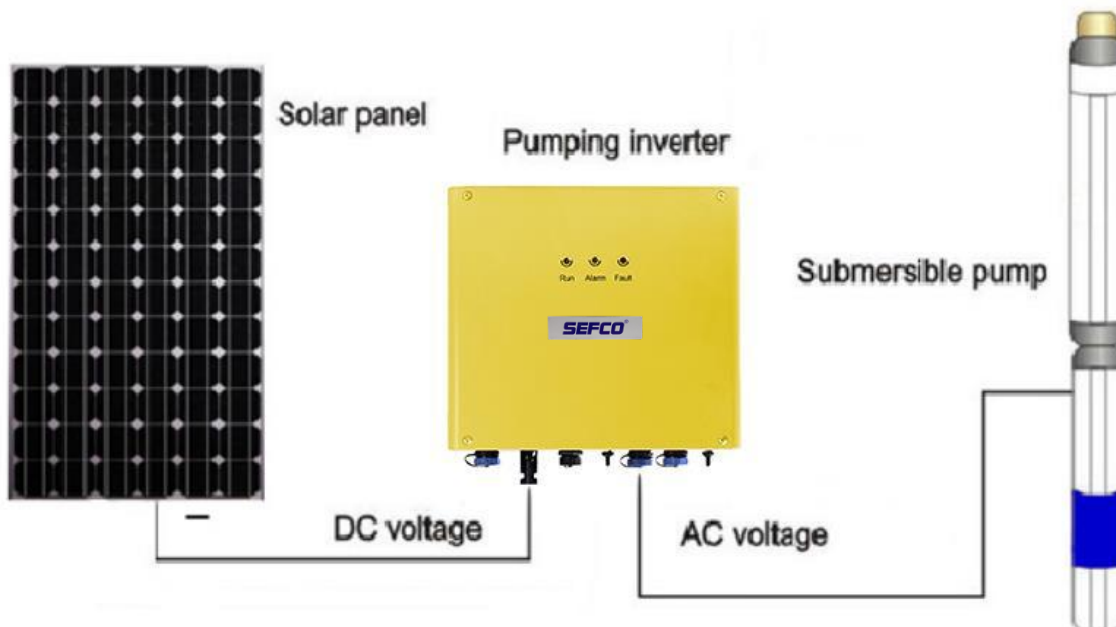
Brief Introduction

A complete solar Pump system consist of solar array, pump and solar Pump inverter. The inverter can convert DC power from solar PV array to AC power to run pump motors.

Solar array, an aggregation of many solar modules connected in series and parallel, absorbs sunlight radiation and converts it into electrical energy, providing dynamical water for the whole system.

Inverter controls the system operation and adjust the output frequency in real-time according to the variation of sunlight intensity to realize the maximum power point tracking (MPPT).

Pump, drive by 3-phase or single phase AC motor, can draw water from the deep wells or rivers and lakes to pour into the storage tank or reservoir, or directly connect to the irrigation system, fountain system, etc.



Technical Data

Mode	S-SL 750	S-SL 1500	S-SL 2200
DC INPUT			
Max. DC voltage(V)	450		
Starting voltage(V)	80	100	
Min. Operation voltage(V)	60	80	
Recommended MPPT voltage(V)	80~400	100~400	
Input channel	One channel:MC4		
Max. DC input current(A)	9	12	
Bypass AC input (model supports mains input)			
Input voltage(Vac)	220/230/240(1PH) (-15%~+10%)		
Input frequency (Hz)	47~63		
AC input terminal	1P2L		
AC output			
Rated (W)	750W	1500W	2200W
Rated current (A)	5.1 (1PH)	10.2 (1PH)	14 (1PH)
	4.2 (3PH)	7.5 (3PH)	10 (3PH)
Output voltage(Vac)	0~input voltage		
Output wiring mode	1P2L/2P3L/3P3L		
Output frequency (Hz)	1~400		
Control performance			
Control mode	MPPT		
Motor type	Asynchronous motor		
Other parameters			
Dimension (L*W*H) (mm)	314*280*128		
Protection level	IP54		
Cooling mode	Natural cooling		
HMI	External LED keypad		
Communication terminal			
External communication	RS485/3 digital inputs		
Operation environment			
Ambient temperature	-25°C~60°C (derate when the temperature is above 45 °C)		
Operation altitude	3000 m (derate when the altitude is above 2000m)		
Weight (kg)	10 kg.		

Ordering information			
Model No.	S-SL750	S-SL1500	S-SL2200
Part No.	608500	608501	608502
Packing unit	1 pc(s).		

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