

SP3K7H/5K5H/7K5H



Features

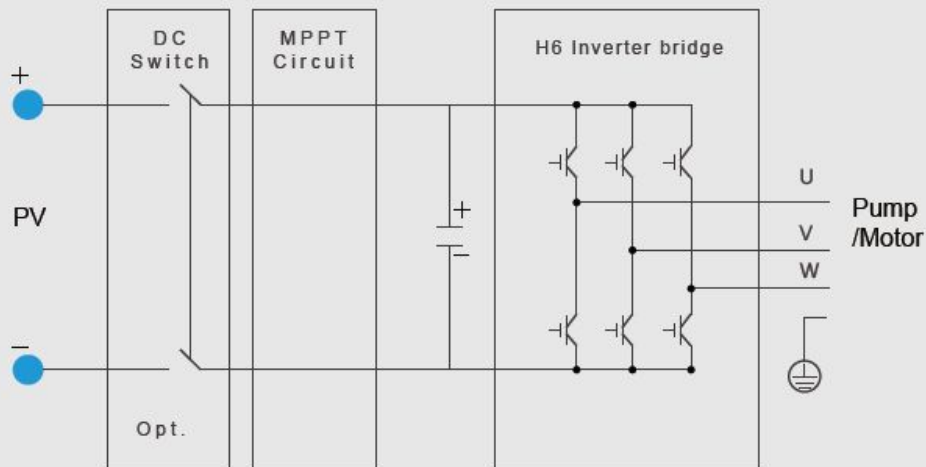
- Advanced IGBT module, Max. efficiency up to 98%, stability and safety
- Maximum power point tracking (MPPT) efficiency > 99.9%
- Wide range of MPPT input voltage
- Indoors and outdoors usage (IP65)
- Modular design for easy installation and free maintenance
- Multi-lingual display
- Unique and special design especially for pump
- Special water level sensor for protection



Solar Pump™ Series

Solar pump inverter is an important part of PV pumping system, it will convert DC power of PV modules array into AC power and drive water pump, and adjust the output voltage and frequency in real time according to sunlight intensity, to achieve the maximum power point tracking, maximize the usage of solar energy.

DIAGRAM



Technical Data

Inverter Model	SP3K7H	SP5K5H	SP7K5H
Input(DC)			
Max input DC voltage	850VDC	850VDC	850VDC
MPPT voltage range	420-680VDC		
Max input DC current	9A	12A	16.3A
MPPT efficiency	> 99%	> 99%	> 99%
Number of MPP trackers /Strings per tracke	1/3	1/3	1/3
Output(DC)			
Max output power	3.7KW	5.5KW	7.5KW
Output vcltage range	3/PE/380-460VAC		
Output ferquency range	0-50/60Hz		
Rated output current	9A	13A	18A
Mechanical parameters			
Dimensions (W/H/D)	181mm/282mm/164mm		
Weight	8KG		
System			
Max efficiency	98%	98%	98%
Degree of protection	IP65		
Communication	RS485		
Operating temperature range	-25℃ - +60℃		
Storage temperature range	-25℃ - +75℃		
Cooling mode	Fan		
Display	LCD		
Elevation	< 3000m		
Standards compliance	IEC/EN 62109-1		
Standard warranty	3 years		