



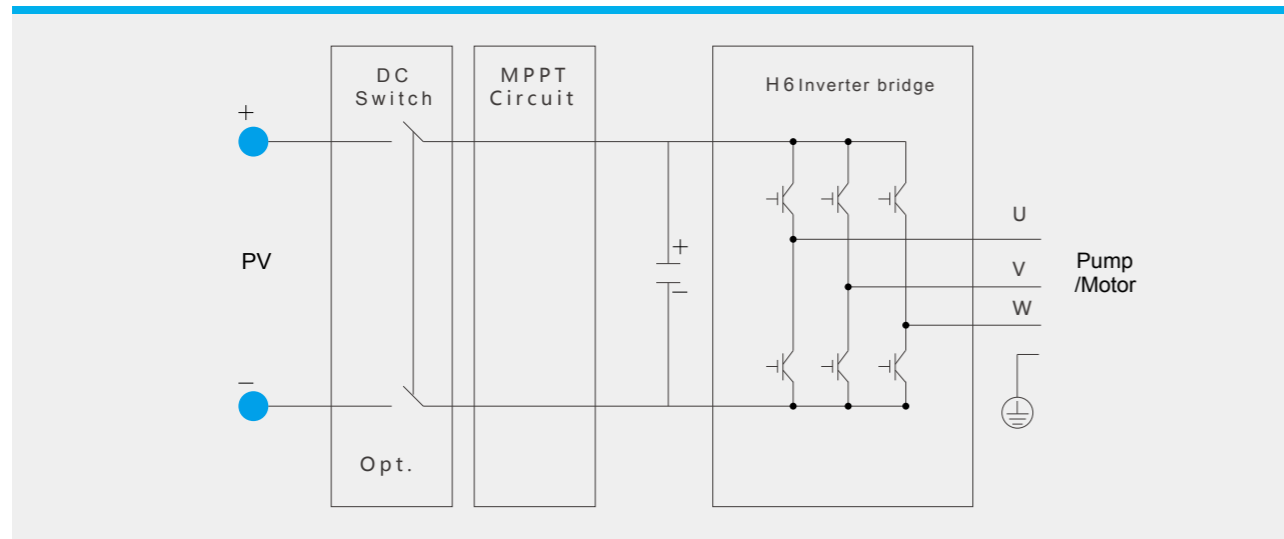
Features

- 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



Diagram



Technical Data

Inverter Model	SP1K1L	SP1K5L	SP2K2L	SP3K7H	SP5K5H	SP7K5H
Input(DC)						
Max input DC voltage	430VDC	430VDC	430VDC	850VDC	850VDC	850VDC
MPPT voltage range	310-350VDC			540-680VDC		
Max input DC current	8A	10A	14.6A	9A	12A	16.3A
MPPT efficiency	> 99%	> 99%	> 99%	> 99%	> 99%	> 99%
Number of MPP trackers /Strings per tracke	1/1	1/1	1/1	1/2	1/2	1/3
Output(DC)						
Max output power	1.1KW	1.5KW	2.2KW	3.7KW	5.5KW	7.5KW
Output vltage range	3/PE/220-240VAC			3/PE/380-460VAC		
Output ferquency range	0-50/60Hz					
Rated output current	5.5A	7A	11A	9A	13A	18A
Mechanical parameters						
Dimensions(W/H/D)	120mm/200mm/120mm			181mm/282mm/164mm		
Weight	4KG	4KG	4KG	8KG	8KG	8KG
System						
Max efficiency	97%	97%	97%	98%	98%	98%
Degree of protection	IP65					
Communication	RS485					
Operating temperature range	-25°C - +60°C					
Storage temperature range	-25°C - +75°C					
Cooling mode	Fans					
Display	LCD					
Elevation	< 3000m					
Standards compliance	IEC/EN 62109-1					
Standard warranty	3 years					