

SP7000-15000 Revival

## SP Revival Series

Installing water pumps has been a challenge in areas that lack AC electrical power, making irrigation and water supply difficult in remote regions.

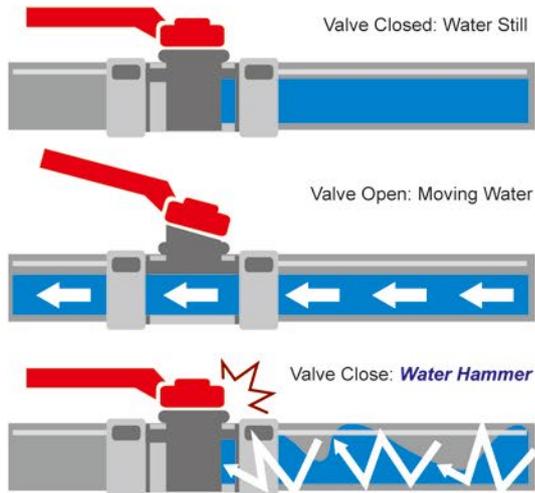
SP Revival Series supply AC power to any conventional pump from the solar panels.

Zero operating cost and maintenance-free make it the best solar option for orchard, garden, and farm irrigation.

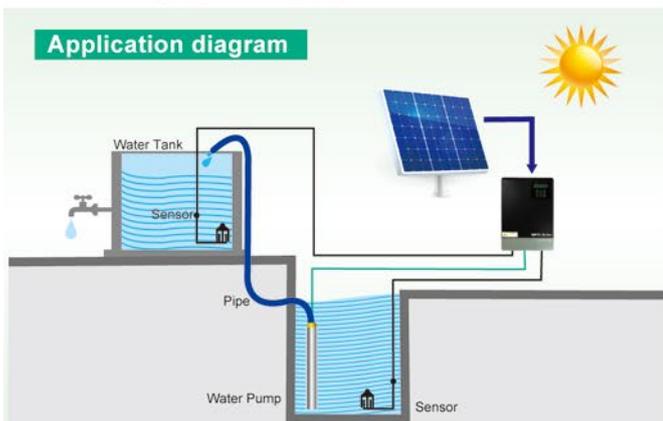
### Features

- Built-in MPPT solar controller
- Design for three-phase motors
- Multiple protections and self diagnosis
- Soft-start Function prevents water hammer effect
- Comprehensive LCD & LED indicators
- Remote Monitoring by the RS-485 communication interface

### Water Hammer Diagram



### Application diagram



SP15000 Revival

SP7000-10000 Revival

### Specifications

MODEL	SP7000 Revival	SP10000 Revival	SP15000 Revival
Rated Power	7500W	11000W	15000W
Recommended Pump Capacity	3~9HP	10~14HP	10~20HP
<b>AC OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	3 × 380/400/415/440vac		
Efficiency	>97%		
Maximum Output Current	15A	22A	29A
Motor Type	Three-phase asynchronous motor		
Frequency Accuracy	± 0.2%		
<b>PV INPUT</b>			
Maximum PV Array Power	12000W	17600W	24000W
Maximum DC Voltage	800 VDC		
Start-up Voltage	250 VDC		
MPPT Voltage Range	250 ~ 780 VDC		
Number of MPPT Controller	1		
Maximum Input Current	14.5 A	22A	29A
<b>Protection</b>			
Protection	Over-voltage / under-voltage / over-current / surge / over - Temperature / short circuit protection		
<b>PHYSICAL</b>			
Dimension (D × W × H)	110 × 230 × 342 mm	205 × 218 × 320 mm	
Net Weight	6kg	6.5kg	6kg
Ingress Protection Rating	IP20		
<b>INTERFACE</b>			
Communication Port	RS232 / RS485		
<b>OPERATING ENVIRONMENT</b>			
Humidity	< 95% Relative Humidity (Non-condensing)		
Operating Temperature	Full load: - 20°C - 45°C Power derating: 46°C - 60°C		

Specifications are subject to change without notice.

OPTI-Solar Asia:  
Tel: +886-2-2246-7272  
Fax: +886-2-2246-7312

OPTI-Solar USA:  
Tel: +1-909-869-5700  
Fax: +1-909-869-5730

OPTI-Solar Middle East:  
Tel: +9714-8819-838  
Fax: +9714-8819-938

OPTI-Solar Europe B.V.:  
Tel: +31-40-2628050