

SP7000 / SP10000 Revival

SP Revival

Water Pumps installation has been a challenge in areas lacking AC utility power. Thus hindering irrigation and water supply project in remote regions.

Opti inverters supply AC power to any conventional pump directly from Solar Panels.

Zero operating cost and maintenance free operation makes it the best solar option for Irrigation for orchards, gardens and farms.

Features

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

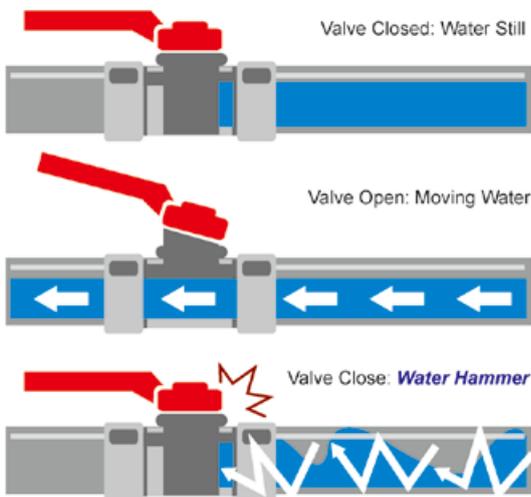


Specifications

MODEL	SP7000 Revival	SP10000 Revival
Rated Power	7500W	11000W
Recommended Pump Capacity	3~9HP	10~14HP
AC OUTPUT		
AC Voltage Regulation (Batt. Mode)	3 × 380/400/415/440vac	
Efficiency	> 97%	
Maximum Output Current	15A	22A
Motor Type	Three-phase asynchronous motor	
Frequency Accuracy	± 0.2%	
PV INPUT		
Maximum PV Array Power	12000W	17600W
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
PROTECTION		
Protection	Over-voltage / under-voltage / over-current / surge / over - Temperature / short circuit protection	
PHYSICAL		
Dimension (D×W×H)	110×230×330mm	
Net Weight	6kg	6.5kg
Ingress Protection Rating	IP20	
INTERFACE		
Communication Port	RS232 / RS485	
OPERATING ENVIRONMENT		
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.

Water Hammer Diagram



Application diagram

