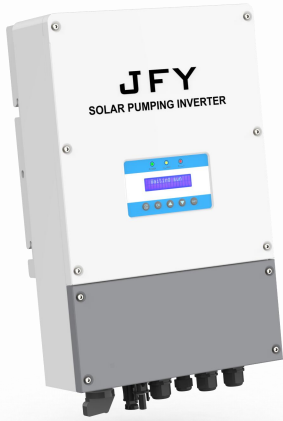


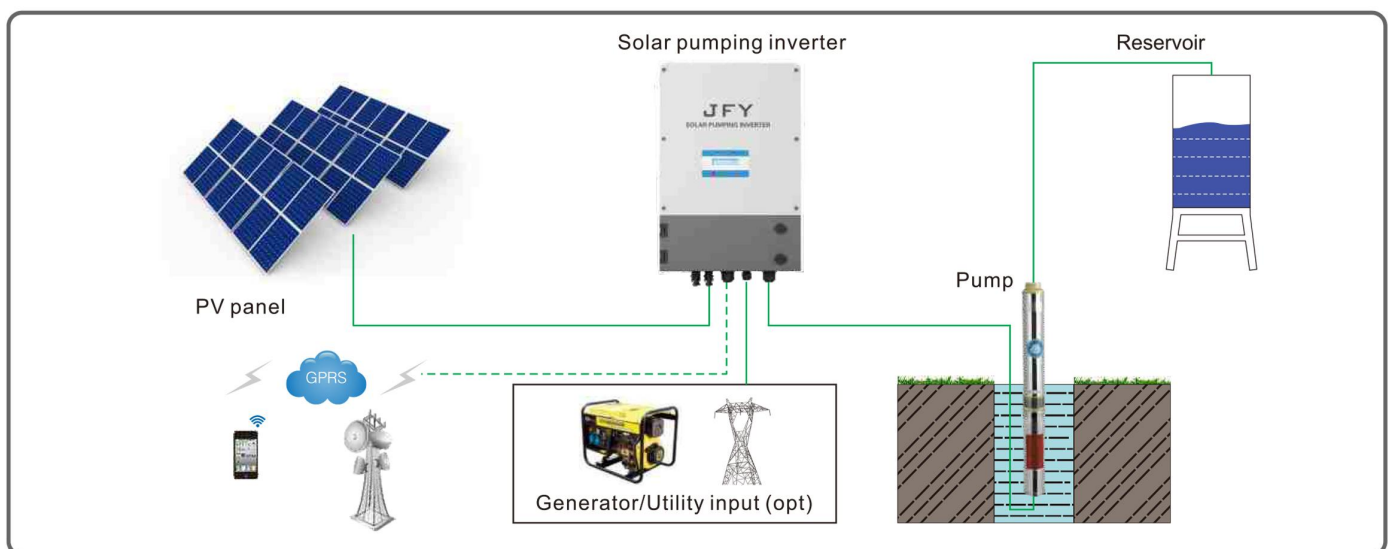
# SPRING Series 1.1kw-2.2kW Solar Pumping Inverter



## Features

- > Support electric supply/generator input, Strong environmental adaptability
- > Compact design, wall mounted installation
- > Various communication ports, RS485/CAN/GPRS (Opt)
- > Perfect protection function, prevent dry pumping and spillage
- > Advanced MPPT optimized design, fast response and high reliability
- > Fully automatic intelligent operation, great overload capability, safe and stable
- > IP65 protection grade, integrate with combiner box and distribution unit
- > LCD screen design, user-friendly interface

## System Diagram



MODEL	SPRING 1100-SLA	SPRING 1500-SLA	SPRING 2200-SLA
<b>PV Input</b>			
MPP Trackers	1		
Max. input strings	1		
Start voltage (Vdc)	80		
Max. input current (A)	9	11	
Max. input voltage (Vdc)	450		
MPPT voltage range (Vdc)	150-360	200-400	270-400
<b>AC Input</b>			
Input voltage range (Vac)	220±15%		
Input frequency range (Hz)	50/60±5		
<b>AC Output</b>			
Rated output power (W)	1100	1500	2200
Rated voltage (^c)	220		
Output voltage range (Vac)	0-240		
Output frequency (Hz)	0-50/60		
Max. output current (A)	8.6	10	14
<b>General Data</b>			
Display	LCD		
Communication port	RS485/CAN/GPRS		
Protection grade	IP65		
Operating altitude (m)	<6000 (>3000 derating)		
Cooling concept	Natural cooling		
Operating temperture range (°C)	-85		
Dimension (D*W*H mm)	418*288*152	453*288*152	
Weight (kg)	7	8.5	