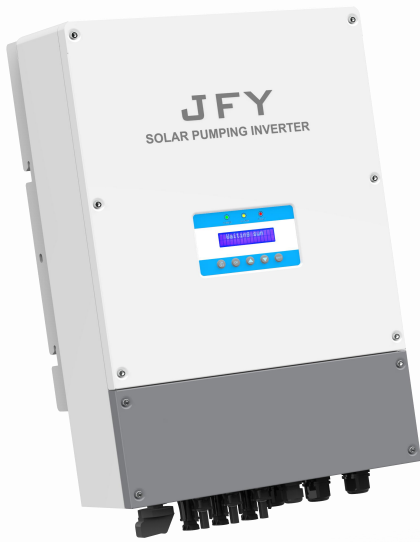


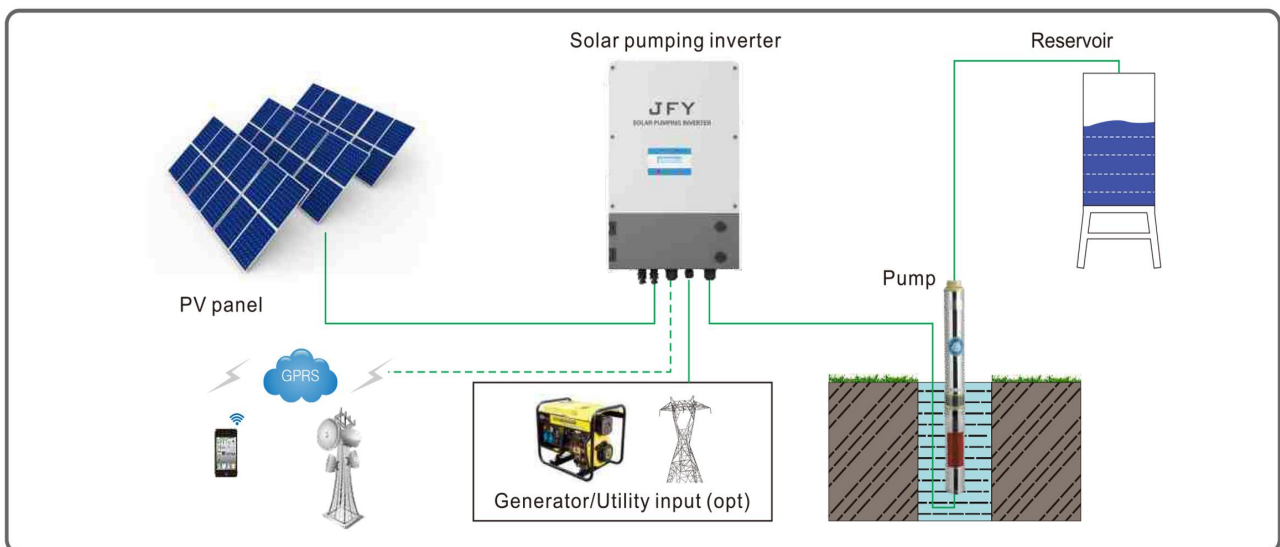
SPRING Series 11kw-22kW Solar Pumping Inverter



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 11K-A	SPRING 13K-A	SPRING 15K-A	SPRING 18K-A	SPRING 22K-A
PV Input					
MPP Trackers	1				
Max. input strings	3	6			
Start voltage (Vdc)	250				
Max. input current (A)	24	31	32	38	46
Max. input voltage (Vdc)	900				
MPPT voltage range (Vdc)	500-680				
AC Input					
Input voltage range (Vac)	380±15%				
Input frequency range (Hz)	50/60±5				
AC Output					
Rated output power (W)	11000	13000	15000	18000	22000
Rated voltage (Vac)	380				
Output voltage range (Vc)	0-440				
Output frequency (Hz)	0-50/60				
Max. output current (A)	24	28	30	39	45
General Data					
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)	528*346*166	583*405*190			
Weight (kg)	14	22.5			