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SP520 PLUS

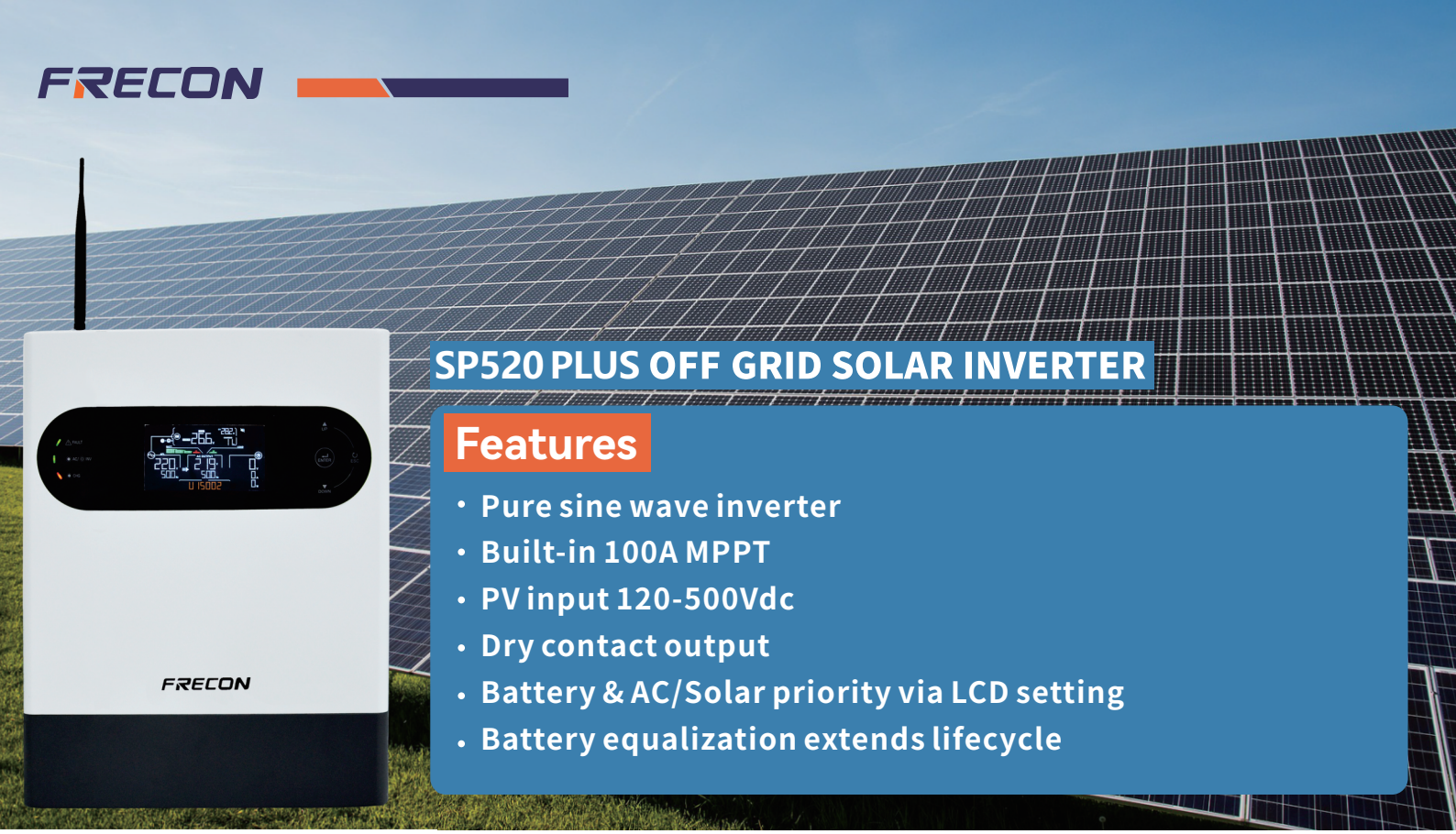
Off Grid Solar Inverter





FRECON ELECTRIC (SHENZHEN) CO.,LTD

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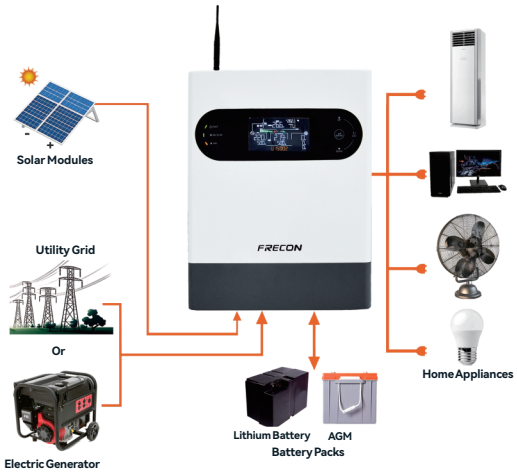
SP520 PLUS OFF GRID SOLAR INVERTER

Features

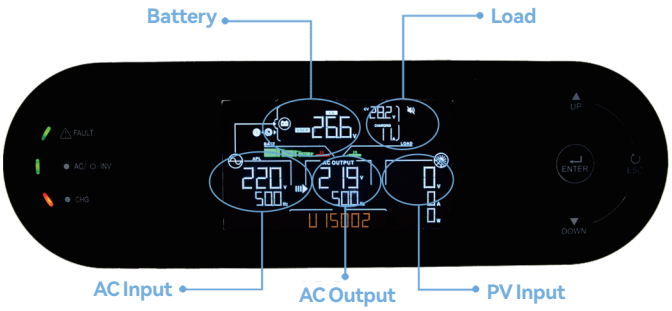
- Pure sine wave inverter
- Built-in 100A MPPT
- PV input 120-500Vdc
- Dry contact output
- Battery & AC/Solar priority via LCD setting
- Battery equalization extends lifecycle

Advantages

Capable to work with or without battery



User friendly LCD operation



Support BMS communication



Built-in Wifi for monitoring data



Model	SP520 PLUS-3500-24H	SP520 PLUS-5500-48H
Rated Power	3500W/3500VA	5500W/5500VA
Input		
Rated Input Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For personal computers) ; 90~280VAC (For home applications)	
Frequency	50Hz/60Hz(Auto sensing)	
Output		
Waveform	Pure sine wave	
AC Voltage Regulation (Batt,Mode)	230VAC±5%	
Peak Power	7000VA	11000VA
Load Capacity of Motors	2HP	4HP
Switch Time	10ms (For personal computers) ; 20ms (For home applications)	
Effiency	98%	
Battery		
Battery Type	Lithium battery/Lead acid battery	Lithium battery/Lead acid battery
Battery Voltage	24VDC	48VDC
Constant Charging Voltage	29.2V	58.4V
Floate Charging Voltage	27VDC	54VDC
Overcharge Protection	33VDC	63VDC
PV&AC Charger		
Max.PV Array Power	5000W	6000W
MPPT Voltage Range	120~450VDC	
Max.Voltage of Open Circuit	500VDC	
Max.PV Charging Current	100A	
Max.AC Charging Current	80A	
Max.Charging Current	100A	
General		
Dimension D*W*H(mm)	134*311*416	
Weight	9	10
Protection Degree	IP21	
Operating Temperature Range	-10~50℃	
Storage Temperature Range	-15~60℃	
Noise	<60dB	
Cooling Method	Fan cooling	
Interface		
Communication	CAN, RS485, RS232, WIFI	

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