FRECON

SP520

OFF GRID SOLAR INVERTER





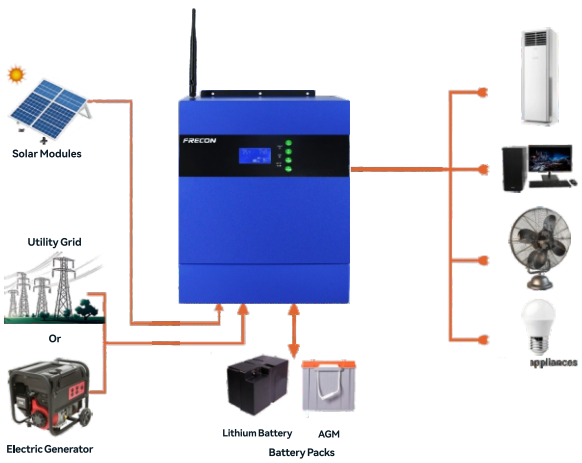
FRECON ELECTRIC (SHENZHEN) CO.,LTD



Features

- Pure sine wave inverter
- PV invput 120-500Vdc
- Built-in Wifi for monitoring data
- Configurable battery & AC/Solar charger priority
- Built-in 100A MPPT
- User friendly LCD operation
- Wall mount design, Easy installation
- Battery equalization extends lifecycle

Working with or without battery



Built-in Wifi for monitoring data



Model	SP520-3500-24H	SP520-5500-48H
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)	120*322*416	
Weight	9	10
Protection Degree	IP21	
Operating Temperature Range	-10~50°C	
Storage Temperature Range	-15~60°C	
Noise	<60dB	
Cooling Method	Fan cooling	
Interface		
Communication	Rs232, WIFI	

FRECON

FRECON ELECTRIC (SHENZHEN) CO., LTD

Add: F15, Building 3, Huidongsheng Industrial Park, 1028
Guangqiao Road, Guangming District, Shenzhen

Tel: 0755-88605930

E-Mail: overseas@frecon.com.cn

www.frecon-inverter.com

Website Facebook

202507(V1.4)