

FRECON

SP500

Off Grid Solar Inverter



FRECON ELECTRIC (SHENZHEN) CO.,LTD



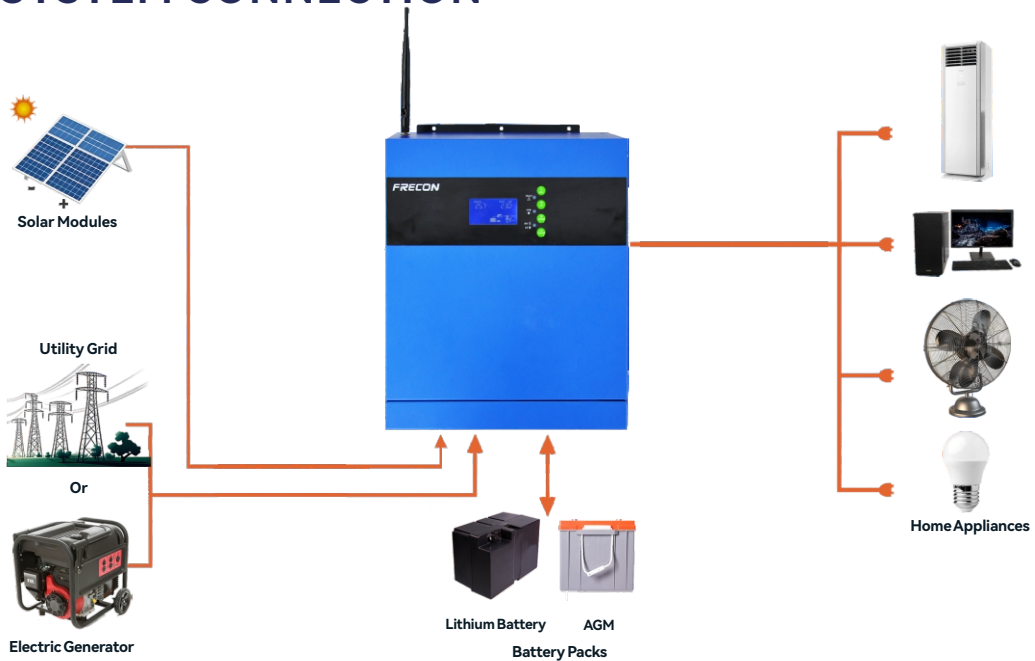
SP500

OFF GRID SOLAR INVERTER

■ FEATURES

-  Pure sine wave inverter
-  Built-in 60A MPPT
-  PV input 30-450Vdc
-  User friendly LCD operation
-  Built-in Wifi for monitoring data
-  Wall mount design, Easy installation
-  Configurable AC/Solar charger priority
-  Battery equalization extends lifecycle

■ SOLAR SYSTEM CONNECTION



Model	SP500-1200-12H	SP500-2400-24H
Rated Power	1200W/1200VA	2400W/2400VA
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	2400VA	4800VA
Switch Time	10ms (For personal computers) ; 20ms (For home applications)	
Efficiency	92%	
Battery		
Battery Type	Lithium battery/Lead acid battery	Lithium battery/Lead acid battery
Battery Voltage	12VDC	24VDC
Constant Charging Voltage	14.1VDC	28.2VDC
Floate Charging Voltage	13.5VDC	27VDC
Overcharge Protection	15.5VDC	31VDC
PV&AC Charger		
Max.PV Array Power	5000W	6000W
MPPT Voltage Range	30~400VDC	
Max.Voltage of Open Circuit	450VDC	
Max.PV Charging Current	60A	
Max.AC Charging Current	60A	
Max.Charging Current	60A	
General		
Dimension D*W*H(mm)	110*280*355	
Weight	5.7	6.1
Protection Degree	IP21	
Operating Temperature Range	-10~50°C	
Storage Temperature Range	-15~60°C	
Noise	50dB	
Cooling Method	Fan cooling	
Interface		
Communication	WIFI	

FRECON

FRECON ELECTRIC (SHENZHEN) CO., LTD

Add : 2nd floor, Building 3, Zhenbao Industrial Zone,
Shiyan Street, Baoan District, Shenzhen, China

Tel : (+86)755-88605930

Fax : (+86)755-88606072

Web : www.frecon-inverter.com

E-Mail: overseas@frecon.com.cn



Website

FaceBook

202404(V1.1)