

FRECON

SP600

Off Grid Solar Inverter



FRECON ELECTRIC (SHENZHEN) CO.,LTD



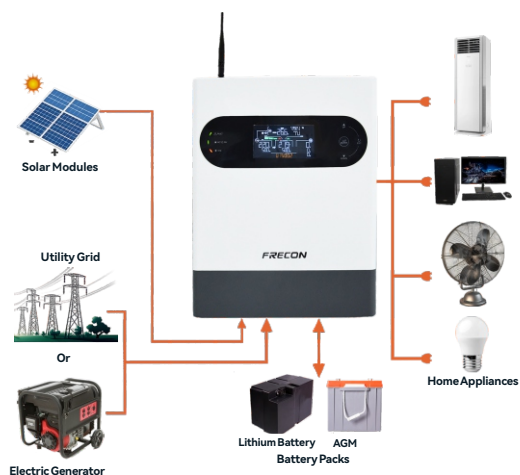
SP600 OFF GRID SOLAR INVERTER

Features

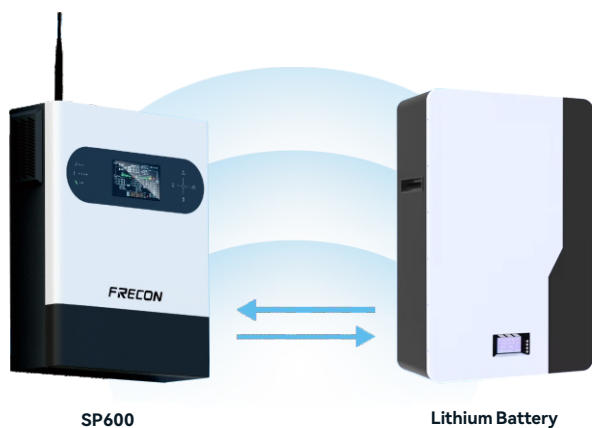
- Pure sine wave inverter
- Built-in MPPT controller
- Dry contact output
- Battery & AC/Solar priority via LCD setting
- Battery equalization extends lifecycle
- Max.6 pcs parallel operation

Advantages

Capable to work with or without battery



Support BMS communication



Parallel function



Built-in Wifi for monitoring data



Model	SP600-5500-48H	SP600-8000-48H	SP600-11000-48H
Rated Power	5500W/5500VA	8000W/8000VA	11000W/11000VA
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	11000VA	16000VA	22000VA
Load Capacity of Motors	4HP	8HP	10HP
Switch Time	10ms （For personal computers） ； 20ms （For home applications）		
Effiency	98%		
Battery			
Battery Type	Lithium battery/Lead acid battery		
Battery Voltage	48VDC		
Constant Charging Voltage	58.4V		
Float Charging Voltage	54VDC		
Overcharge Protection	63VDC	66VDC	
PV&AC Charger			
Max.PV Array Power	6000W	8000W	11000W
MPPT Voltage Range	90~450VDC		
Max.Voltage of Open Circuit	500VDC		
Max.PV Charging Current	100A	120A	150A
Max.AC Charging Current	80A	120A	
Max.Charging Current	100A	120A	150A
General			
Dimension D*W*H(mm)	134*311*416	135*410*552	135*410*552
Weight	10	20	21
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		
Parallel Function	6 units		



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