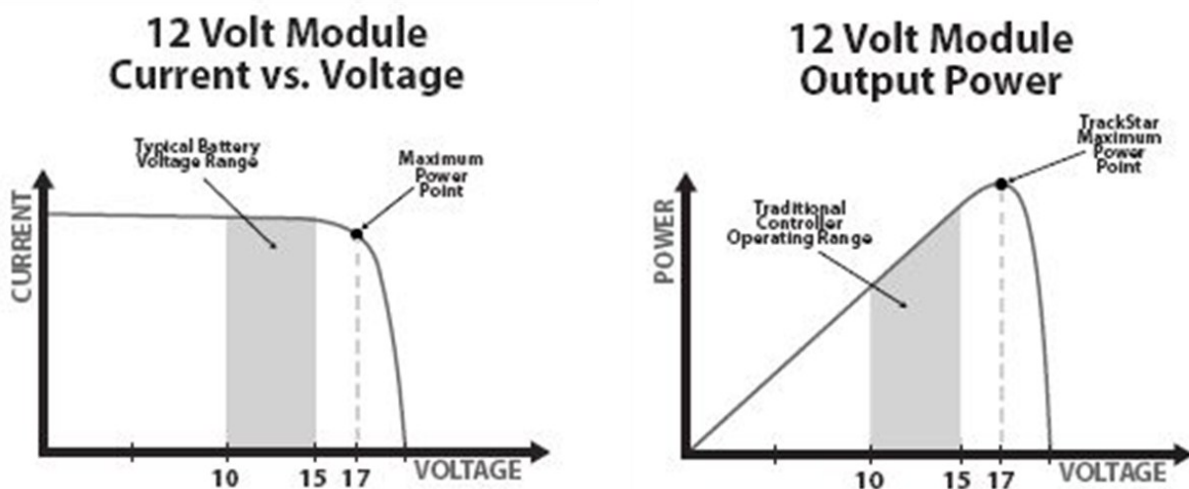




Features

- Professional solution for Off-Grid solar system
- Auto switch 5 FUN:
 - DC to AC , AC bypass, AC charger, solar charger and UPS
- MPPT Solar Charger. Max solar panel power:3120W
- Pure sine wave output, for various load
- Low power saving mode to conserve energy
- Solar power mode and Grid power mode, can be free choose
- Built-in transfer switch and AC/DC circuit breaker
- Advanced microprocessor control design
- Input polarity/UVP/OVP/OSP/OLP/OTP
- Remote control function RJ45 (optional)

Solar charger: MPPT VS PWM



*2 FOR 24VDC,*4 FOR 48VDC

*Note: The Specifications are subject to changes without notice.

Specifications										
AC OUTPUT	Models	SPS5000-124		SPS5000-148		SPS5000-224		SPS5000-248		
	Output Power	5000W								
	Surge Power	15000W(≤20S)								
	Output Frequency	50/60Hz ±0.5%								
	Output Waveform	True sine wave (THD<5%)								
	P-F Allowed	COSθ-90°~COSθ+90°								
	Efficiency	86%	88%	87%	90%					
DC INPUT	Input Voltage	24VDC		48VDC		24VDC		48VDC		
	Voltage Range (VDC)	20.0~32.0		40.0~64.0		20.0~32.0		40.0~64.0		
	Fault Indication	LED Red and Buzzer Alarm								
	Remote Control	RJ45(Optional)								
AC Charger	Input Voltage	90~135VAC/164~243VAC								
	Output Voltage	Fast(14.0~15.1V), Float(13.3-13.8V).(*2 for 24vdc,*4 for 48vdc)								
	Over charge Protection	15.7V for 12V(*2 for 24vdc,*4 for 48vdc)								
	Charge Current	60A		30A		60A		30A		
MPPT Solar Charger	Rated charge current	30A			45A			60A		
	Rated Voltage (VDC)	12	24	48	12	24	48	12	24	48
	Solar panel Max (W)	390	780	1560	585	1170	2340	780	1560	3120
	DC Load Current	15A (MAX)								
	Input PV Voltage	150VDC (MAX)								
	Solar INV.Mode	Low battery trip(12V)	High battery trip(12v)		(*2 for 24vdc,*4 for 48vdc)					
		11.0	14.0		Rotated to a" 7" position					
		10.5	13.5		Rotated to a" 8" position					
		10.0	13.0		Rotated to a" 9" position					
Temp. compensation	-13.2mv/°C(*2 for 24vdc,*4 for 48vdc)									
Bypass	Transfer Time	<8ms								
	Input Vot. waveform	Utility AC or Generator (Sine wave)								
	Max bypass current	30A(35A Alarm)								
Others	Working Humidity	20-90%RH								
	Safety and EMI	UL458			LVD (EN60950)					
	Working temp.	-20~50°C								
	Storage Temp	-30~70°C								
	Cooling	Temperature controlled cooling fan								
	Size (mm)	630*520*205								
	Weight (kg)	55								

*Note: The Specifications are subject to changes without notice.