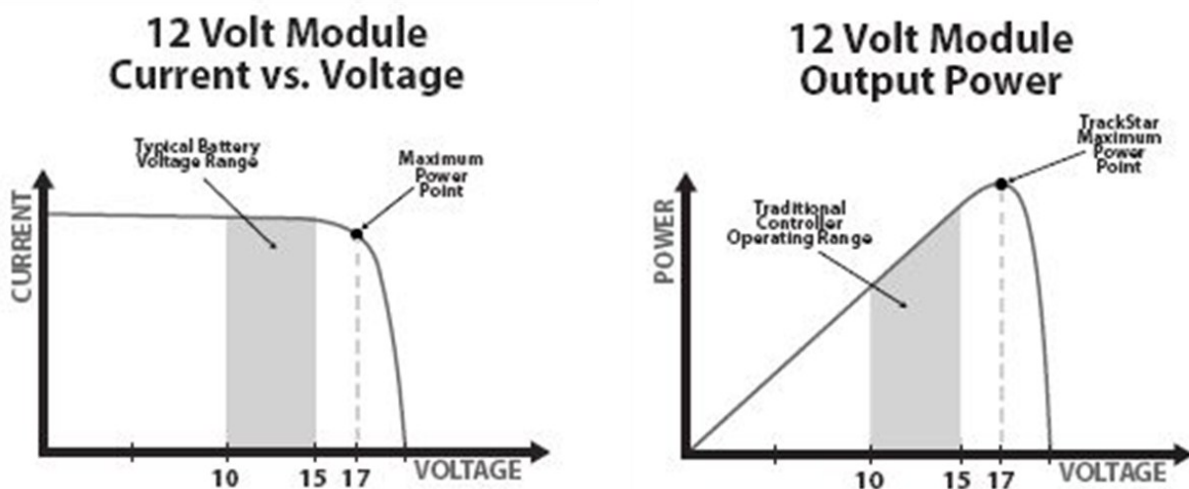




Features

- 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	SPS1500-112	SPS1500-124	SPS1500-148	SPS1500-212	SPS1500-224	SPS1500-248			
	Output Power	1500W								
	Surge Power	4500W(≤20S)								
	Output Frequency	50/60Hz ±0.5%								
	Output Waveform	True sine wave (THD<5%)								
	P·F Allowed	COSθ-90°~COSθ+90°								
	Efficiency	85%	86%	88%	85%	87%	90%			
DC INPUT	Input Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC			
	Voltage Range (VDC)	10.0~16.0	20.0~32.0	40.0~64.0	10.0~16.0	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	50A	25A	15A	50A	25A	15A			
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		(*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/℃(*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℃								
	Storage Temp	-30~70℃								
	Cooling	Temperature controlled cooling fan								
	Size (mm)	455*520*205								
	Weight (kg)	31								

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