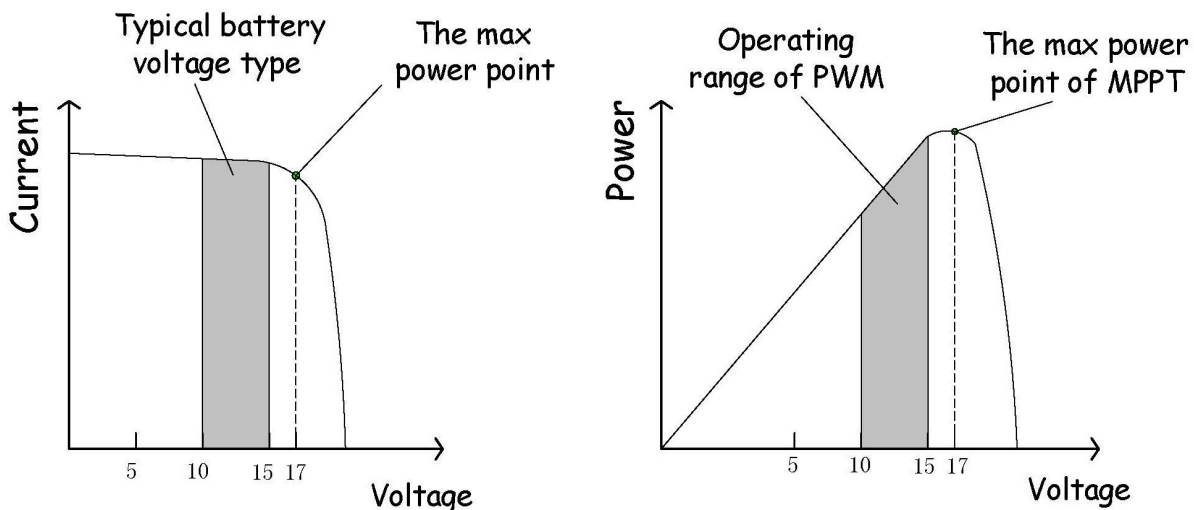CE   FC   PSE   RoHS

Features

- Professional solution for Off-Grid solar system
- Auto switch 4 FUN: DC to AC , AC bypass, AC charger and UPS
- Real MPPT solar charge controller. MAX PV volt 150VDC. MAX PV power 4680W
- DIP Switches : Low Battery, AC Input Range , Power Saver, Solar/Utility AC Priority
- Efficient up 3~5% than traditional power frequency inverter
- Visualized and detailed info of solar charging and inverting
- RJ45 Remote control and RS232 network communication interface (optional)
- Excellent load capacity: MAX 3*rated power.
- Pure sine wave output ,input & output fully isolation
- Supply power via hybrid power (grid power or diesel) compatibly
- Built-in relay and AC/DC breaker
- Advanced microprocessor control
- Input polarity/UVP/OVP/OSP/OLP/OTP
- Attractive appearance with V0 Fire-protection rated plastic materials

Remark : *2 FOR 24VDC, *4 FOR 48VDC

Specifications

Item	Models	CPS10000-2486M	CPS10000-2489M
AC Output	Output Power	10KW	
	Surge Power	30KW(≤2S)	
	Output Frequency	50/60Hz ±0.5%	
	Output Waveform	True sine wave（THD<3%）	
	P·F Allowed	COSθ-90°~COSθ+90°	
	Efficiency	90%	
DC Input	Input Voltage	48VDC	
	Voltage Range	40.0~62.0VDC/42.0~64.0VDC	
	Fault Indication	LED Red and Buzzer Alarm	
	Remote Control	RS-232/RJ45(Optional)	
AC Charger	AC Range	184-253VAC / 154-253VAC	
		100-135VAC / 90-135VAC	
	Fast Voltage	56.0~60.4V	
	Float Voltage	53.2-55.2V	
	Over charge Protection	62.8V for 48V	
	Charge Current	80A	
MPPT Solar Charger (optional)	solar panel Max	3120W	4680W
	Rated Voltage	12V/24V/48VDC Auto	
	Rated charge current	60A	90A
	DC Load Current	15A (MAX)	
	Input PV Voltage	150VDC(MAX)	
	Temp. compensation	-52.8mv/℃	
Bypass	Transfer Time	＜8 ms	
	Input Vot. waveform	Utility AC or Generator (Sine wave)	
	Max bypass current	80A/40A	
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)	650*505*210	
	Weight (kg)	75	78

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