



### Features

- Professional solution for Off-Grid solar system
- Auto switch 4 FUN: DC to AC , AC bypass, AC charger and UPS
- 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

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

**Specifications**

Item	Models	CPS3000-124	CPS3000-248
AC OUTPUT	Output Power	3000W	
	Surge Power	9000W(≤2S)	
	Output Frequency	50/60Hz ±0.5%	
	Output Waveform	True sine wave ( THD<3% )	
	P·F Allowed	COSθ-90°~COSθ+90°	
	Efficiency	86%	90%
DC INPUT	Input Voltage	24VDC	48VDC
	Voltage Range	20.0~31.0VDC,*2 for 48VDC/21.0~32.0VDC,*2 for 48VDC	
	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	14.0~15.1V (*2 for 24vdc,*4 for 48vdc)	
	Float Voltage	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	40A	30A
Bypass	Transfer Time	<8 ms	
	Input Volt. waveform	Utility AC or Generator (Sine wave)	
	Max bypass current	60A/30A	
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)	27	

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