

Features

- Professional solution for Off-Grid system
- Perfect combination of Low-voltage UPS and inverter
- Self-consumption down 50% than low frequency inverter
- Dry contact: no AC output or O.T,O.L ,UV to other device
- Remote control RJ11/RJ45 :PTM-10 and PTM-12 (optional)
- Input AC :power via grid power or Generator compatibly
- Pure sine wave output ,input & output fully isolation
- Three-gear switches ,with energy saving mode
- Attractive appearance with V0 plastic
- AC input to start inverter function
- Input polarity/UVP/OVP/OSP/OLP/OTP
- Network via RS232 Communicate Protocol (optional)
- DIP Switches: Output frequency, AC output range, charge current ,DC/AC priority



Specifications

Models	CPT5000-124	CPT5000-148	CPT5000-224	CPT5000-248
Output Power	5000W			
Surge Power	15000W			
DC Input Voltage	24VDC	48VDC	24VDC	48VDC
Output Voltage	100/110/120VAC±5%		220/230/240VAC±3%	
Output Frequency	50/60Hz ±0.5%			
Output Waveform	True sine wave (THD<5%)			
Power Factor	0.1~1			
Efficiency	86%	88%	87%	90%
No Load Power	<90W (Power saving mode)			
Transfer Time	<8 ms			
AC Range	90~135VAC/190~245VAC			
Voltage Range	20.0~31.0VDC	42.0~60.0VDC	20.0~31.0VDC	42.0~60.0VDC
Charge Current	70A	35A	70A	40A
Fault Indication	LED Red			
Remote Control	RJ45:PTM-10 or PTM-12			
Safety	UL458		LVD (EN60950)	
EMC	FCC Part15 ClassA		CE (EN55022:2006+A1:2007)	
Operating Temp	-20~50°C			
Working Humidity	20~90%RH			
Storage Temp	-30~70°C			
Cooling	Automatically controlled cooling fan			
Weight (kg)	33			
Size (mm)	650*255*195(L*W*H)			
Application	Vehicle,Yacht,Solar power systems,Portable equipments,Power tools,Home and Office appliances			

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