

## 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(adjustable) ,DC/AC priority



Intertek  
5005747

## Specifications

Models	CPT3000-112	CPT3000-124	CPT3000-148	CPT3000-212	CPT3000-224	CPT3000-248
Output Power	3000W					
Surge Power	9000W					
DC Input Voltage	12VDC	24VDC	48VDC	12VDC	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	85%	86%	88%	86%	87%	90%
No Load Power	<50W (Power saving mode)					
Transfer Time	<8 ms					
AC Range	90~135VAC/190~245VAC					
Voltage Range	10.0~16.0VDC	20.0~31.0VDC	42.0~60.0VDC	10.0~16.0VDC	20.0~31.0VDC	42.0~60.0VDC
Charge Current	80A	40A	25A	75A	45A	30A
Fault Indication	LED Red					
Remote Control	RJ45:PTM-12 or RJ11:PTM-12					
Safety	UL458			LVD (EN60950)		
EMC	FCC Part15 ClassA			CE (EN55022:2006+A1:2007)		
Operating Temp	-20~50℃					
Working Humidity	20~90%RH					
Storage Temp	-30~70℃					
Cooling	Automatically controlled cooling fan					
Weight (kg)	24					
Size (mm)	525*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.