

NCTS-SIN 5KWP OFF GRID INVERTER

NCTS-SIN 5KWP

Product Features

- Pure Sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Built-in 80 A MPPT solar charger
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit for harsh environment

Overview

1. Power on/off Switch
2. AC input
3. AC output
4. PV input
5. Battery input
6. Circuit breaker
7. RS232 communication port
8. Parallel communication (only for parallel mode)
9. Current sharing cable (only for parallel mode)
10. Dry contact
11. USB communication port



Solar



PC



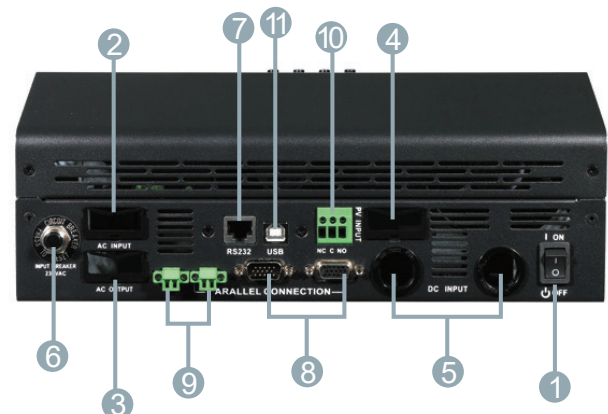
TV



Fan



Home Appliance



NCTS-SIN 5KWP OFF GRID INVERTER

Technical Specifications

Model: NCTS-SIN 5KWP

Model		NCTS-SIN 5KWP	
Rated Power	5000VA / 5000W	SOLAR CHARGER & AC CHARGER	
Parallel Capability	Yes,9 units	Maximum PV Array Power	4500W
INPUT		MPPT Range @ Operating Voltage	120VDC~430VDC
Voltage	230VAC	Maximum PV Array Open Circuit Voltage	450VDC
Voltage Voltage Range	170-280 VAC (For Personal Computers)	Maximum Solar Charge Current	80A
	; 90-280 VAC (For Home Appliances)	Maximum AC Charge Current	80A
Frequency Range	60/50Hz (Auto sensing)	Maximum Charge Current	80A
OUTPUT		PHYSICAL	
AC Voltage Ragulation (Bat Mode)	230VAC ± 5%	Dimension(LxWxH) mm	120x295x468
Surge Power	10000VA	Net Weight(kgs)	11
Efficiency(Peak)	90%	ENVIROMENT	
Transfer Time	10 ms (for Personal Computers);	Humidity	5-95% Relative Humidity (Non-condensing)
	20ms (for Home Appliances)	Operating Temperature	0°C to 55°C
Waveform	Pure sine wave	Storage Temperature	-15°C to 60°C
BATTERY			
Battery Voltage	48 VDC		
Floating Charge Voltage	54 VDC		
Overcharge Protection	66 VDC		



System connection

