

# CNB series 24VAC 50W Inverters



- Small Size solution to supply 24vac.
- Power rating : 50W
- Input voltage options: 12VDC 24VDC
- Output voltage: 24VAC 50Hz Pure Sinewave
- Numerous applications in security and control systems



## Model Selection Table

Model Number	Description
CNB-C50-1224	DC/AC Industrial Inverter Input: 12VDC ( 11VDC-14.5VDC) Output: 24VAC 50W 50Hz
CNB-C50-2424	DC/AC Industrial Inverter Input: 24VDC ( 22VDC-29VDC) Output: 24VAC 50W 50HZ
CNB-C50-1224-60HZ	DC/AC Industrial Inverter Input: 12VDC ( 11VDC-14.5VDC) Output: 24VAC 50W 60Hz
CNB-C50-2424-60HZ	DC/AC Industrial Inverter Input: 24VDC ( 22VDC-29VDC) Output: 24VAC 50W 60HZ

## Description

The SANB series is a compact solution to convert low voltage dc to 24VAC to power 24VAC equipment up to 50VA. The SANB series finds numerous applications in security systems , control systems etc. The output is a 24VAC pure sinewave.

## Specifications

<b>Output Power</b>	50W continuous (24VAC 2 Amps nominal)
<b>Input Voltage , Current</b>	12VDC Models: 10-15VDC Startup: 11- 14.5VDC , 5A max 24VDC Models: 20-30VDC Startup: 22- 29VDC , 2.5A max
<b>Output Voltage / frequency</b>	24VAC / 50Hz or 24VAC / 60Hz depending on model
<b>Weight</b>	0.46 KG
<b>Dimensions</b>	159 X 97 X 37 mm
<b>Isolation Voltage Input/Output</b>	100VDC
<b>Cooling</b>	Convection Cooled
<b>Operating Temperature range</b>	-10 'C - 50 'C
<b>Safety Standards</b>	EN60950
<b>Protection</b>	Output short circuit Input reverse polarity Input undervoltage shutdown
<b>Efficiency</b>	Maximum 90%
<b>Standby current</b>	0.2A, 200 mA typical
<b>Input under voltage shutdwon</b>	12V input: Vin 11VDC 24V input: Vin 22VDC

## Installation

This inverter may be powered from any DC voltage source that can supply the required voltage and current, the connecting wire must of adequate size to assure a proper voltage and current is maintained at the input. The location of the inverter must be such that it meets all the requirements listed below and these requirement must be maintained during use:

- PLEASE BE CAREFUL WITH INPUT POLARITY , REVERSE POLARITY WILL DAMAGE UNIT WHICH IS NOT COVERED BY WARRANTY
- Inverter intended for indoor use only
- No direct sunlight or source of radiant heating falls on the inverter
- Keep away from a window that may be opened to avoid the possibility of rain falling on the unit
- No other source of heat in the immediate vicinity
- Please insure enough ventilation and there is no blockage of air flow around the inverter

