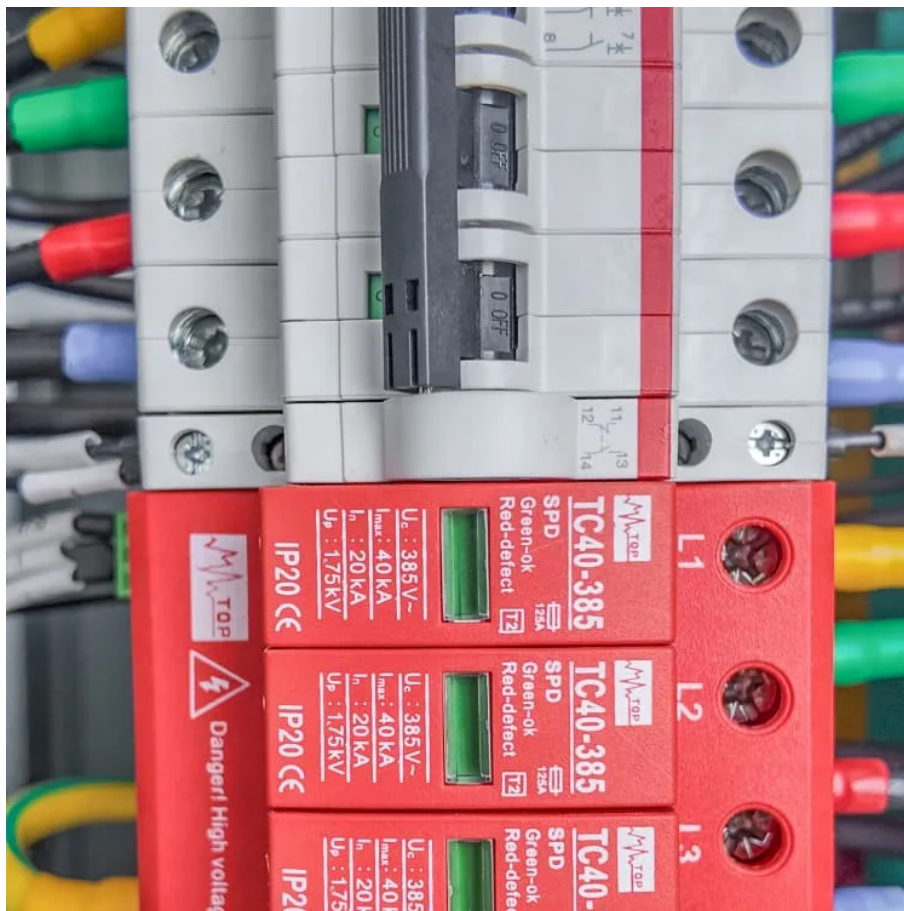


FPC sine wave inverter





Overview

How can a single phase sine wave inverter be used for PV applications?

with the increase in the utilization of solar energy there is a need for renewable energy sources. A low frequency transformer is used to make project cost effective and sinusoidal pulse width modulation technique is employed for control circuit to obtain single phase pure sine wave inverter for PV applications.

What appliances can a sine wave inverter run?

(Note: Only pure sine wave inverter can run sensitive electric appliances that are including refrigerator, washing machine, microwave oven, induction cooker, electric drill, compressor, air conditioner, mercury lamp, sodium lamp and so on).

What is 100% pure sine wave output waveform?

100% pure sine wave output waveform: designed for sensitive loads (resistive load) With the technology of CPU centralized control and SMD inside True sine wave output (Total Harmonic Distortion (THD) < 3%)



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