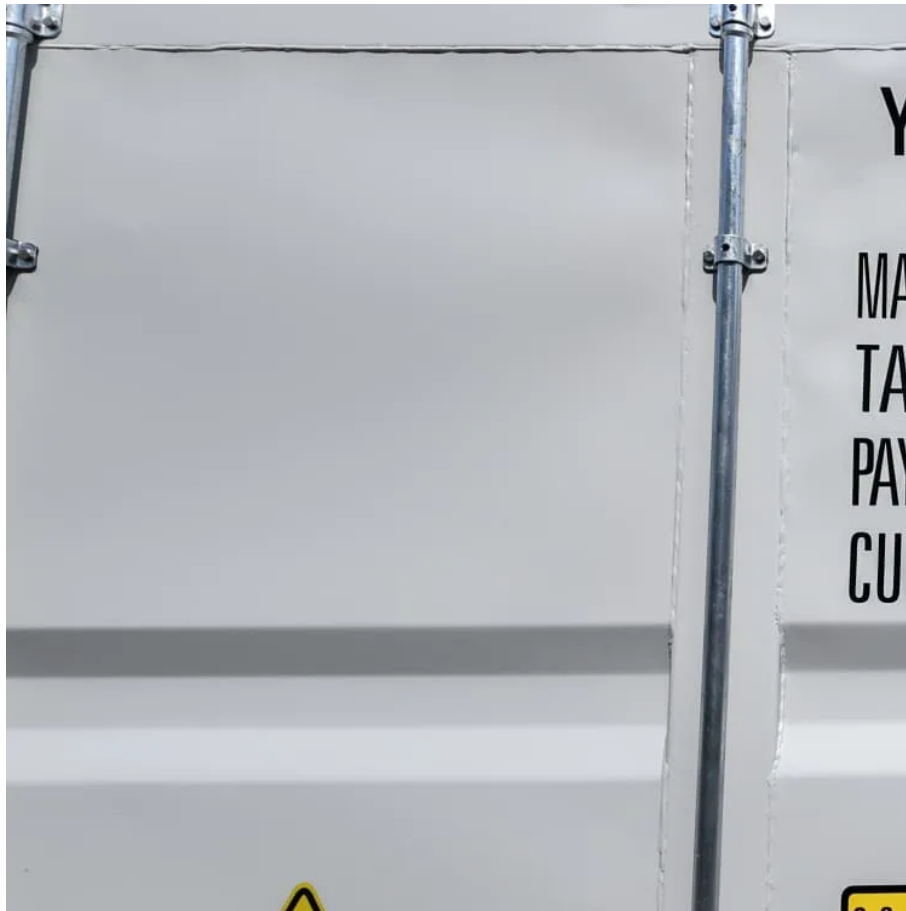


Inverter AC rear stage





Overview

What is an inverter stage?

The inverter stage is a basic building block for digital logic circuits and memory cells. A generic inverter stage is illustrated below on the left. It consists of two devices.

What are the stages of a DC to AC inverter system?

A DC to AC inverter system consists of two stages. The first stage is a DC to DC converter, which regulates the input voltage to the second stage (the bus voltage). [The first stage is a DC-DC converter].

What is a generic inverter stage?

A generic inverter stage is illustrated below on the left. It consists of two devices, pull-up device, which is typically either a bipolar junction transistor or an enhancement mode field effect transistor, and a pull-down device, which might be another transistor, or a resistor, current source, diode, etc.

What are the features of a given inverter design?

We can identify six features of a given inverter design which we can use to evaluate it and compare it to other designs. They are: The logic levels are found by insisting that VHI and VLO are such that VHI applied to the input of an inverter results in an output of VLO, and that VLO applied to the input of an inverter results in an output of VHI.



Inverter AC rear stage

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The inverter stage process of power inverter

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