



WALMER ENERGY

# The first inverter manufacturer





## Overview

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What is the history of inverters?

Let's delve into the history, concept, and future of inverters. Most household appliances and electronic devices use alternating current (AC), while some power supplies produce direct current (DC). Early electric lighting used large transformers to convert DC to AC. But that required a lot of copper wire, which was expensive.

Who invented grid-tied inverters?

During this time, several companies pioneered grid-tied inverter technology: SMA Solar Technology (Germany): Founded in 1981, SMA became one of the first major manufacturers of grid-tied inverters. Their work in the 1990s and early 2000s set the standard for residential and commercial inverters, and their inverters remain widely used worldwide.

When was the first solar inverter made?

In 1991 German company SMA made their first solar product – the PV-WR 1800 inverter. It was a niche product and didn't exactly fly off the shelves. A few years later in 1995 the Sunny Boy 700 was produced with this sales pitch from SMA:.

When were Inverter generators invented?

The very first inverters were created using motor-generators as a way of creating AC electricity during World War 2. Redi-line was one of the first and most popular brands at the time. Amazingly, you can still find its inverter generators today!



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### Why Is It Called An Inverter? A Brief History ...

Jul 14, 2022 · In 1953 German company Kaco manufactured the world's first thyristor inverter. Years later Kaco would go on to produce the first ...

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### History of General-Purpose Inverters (Part 1)

Jul 30, 2025 · Inverters first appeared as a product in the Fuji Electric Review as far back as 1966. Prior to that, mercury rectifiers were used to control the rotational speed of motors. In the ...

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### The History of Inverters: Powering the Solar Revolution

SMA Solar Technology (Germany): Founded in 1981, SMA became one of the first major manufacturers of grid-tied inverters. Their work in the 1990s and early 2000s set the standard ...

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### Inverter\_History

Mar 19, 2014 · It became necessary for some manufacturers (Westinghouse, GE) to create conversion circuits to allow for use of their products in either DC or AC districts. Original ...

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### Why Is It Called An Inverter? A Brief History Of Solar Inverters

Jul 14, 2022 · In 1953 German company Kaco manufactured the world's first thyristor inverter. Years later Kaco would go on to produce the first transformerless inverter. Transformerless ...

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### Who Invented Solar Power Inverter

Oct 28, 2025 · Nikola Tesla, a Serbian-American inventor, electrical engineer, mechanical engineer, physicist, and futurist, is credited with discovering the inverter. SMA Solar ...

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### The history of solar inverters

May 14, 2019 · Inverters are the brains of a residential solar power system, converting DC into AC electricity. The scientist who first worked and developed AC energy was a contemporary of ...

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### Who Invented the Inverter

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### History of Inverters: From Innovation to Modern Power ...

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