

## SolarTech Power Solutions

# Guinea PV hybrid inverter



## Overview

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What is a hybrid solar inverter?

A standard solar inverter only converts DC power from solar panels into AC power for household use, while a hybrid inverter does this and enables energy storage in a battery. This means that the excess solar energy can be stored for later use with a hybrid inverter instead of feeding it back into the grid.

Why is a hybrid inverter important?

This combination allows for efficient power management that maximizes the use of self-generated solar energy and reduces dependence on grid supply, making the hybrid inverter crucial in maintaining the balance between energy production, storage, and consumption.

How long does a hybrid inverter last?

Generally speaking, a well-maintained hybrid inverter can last anywhere between 10 to 15 years. Factors influencing their lifespan include quality of manufacturing, operating conditions, maintenance schedules, and usage patterns.

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