

## SolarTech Power Solutions

# Grid-connected inverter voltage



## Overview

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Grid-tie inverters convert DC electrical power into AC power suitable for injecting into the electric utility company grid. The grid tie inverter (GTI) must match the phase of the grid and maintain the output voltage slightly higher than the grid voltage at any instant. A high-quality modern grid-tie inverter has a fixed unity , which means its output voltage and current are perfectly lined up, and its phase angle is within  $1^\circ$  of the AC power grid. The inverter has an internal comp.

A grid-tie inverter converts direct current (DC) into an alternating current (AC) suitable for injecting into an electrical power grid, at the same voltage and frequency of that power grid.

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## Contact Us

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