

# 6kW Single-Phase Solar Power Inverter with MPPT Controller

This 6kW single-phase inverter is designed for residential solar power systems. It features an integrated MPPT (Maximum Power Point Tracking) controller to optimize energy harvesting from solar panels.

*sunways*



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Residential Inverter

This 6kW single-phase solar power inverter is engineered specifically for residential photovoltaic applications. It features an integrated Maximum Power Point Tracking (MPPT) controller, which optimizes energy harvesting from solar panels to ensure maximum efficiency. Designed for durability and performance, this unit reliably converts DC power from solar panels into usable AC power for household appliances and grid connection.

## Technical Specifications

### Rated Output Power

**6 kW**  
Rated Power

Phase Type	Single-Phase
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## Physical Dimensions

### Physical Specs

Dimension	Value
Width	360mm
Height	410mm
Depth	120mm
Weight	13kg

## Components & Quality

Key Internal Components	Infineon, KEMET, Panasonic, Texas Instruments, ST, FR-4 TG150 PCB
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