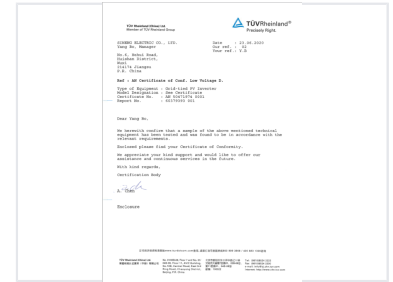


# 110kW Grid-Tied Solar Inverter

This DC switch is configured for safe operation and maintenance. Its 10 MPPT design allows for an overload ratio of up to 1.3.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Grid-Tied Solution

This 110kW grid-tied solar inverter is engineered for large-scale photovoltaic power plants, offering advanced performance and reliability. Featuring 10 MPPT trackers, it supports high-density bifacial modules with a maximum branch current of 13A. The unit utilizes three-level soft-switching technology to achieve an ultra-wide voltage range and impressive energy conversion efficiency.

## Performance Metrics

### Featured Performance

**98.7 %**

Maximum Efficiency

**1.3 ratio**

Max Overload Ratio

**110 kW**

Rated Output Power

## Input DC Specifications

### DC Input Data

Parameter	Value
Max. PV Input Voltage	1100V
Max. Input Current	26A*10
Number of MPPT Trackers	10
MPP Voltage Range	200~1000V

## Output AC Specifications

### AC Output Data

Parameter	Value
Rated Grid Voltage	380V/400V
Max. Output Current	167A@380V, 158.8A@400V
Total Harmonic Distortion	<3%
Power Factor Range	0.8 leading to 0.8 lagging

## Safety and Protection

### Protection Features

DC Reverse Connection Protection, DC/AC Type II Overvoltage Protection, Leakage Current Protection, Grid Monitoring, Insulation Monitoring, Anti-island Protection

## Technical Features

### Key Technology

- 10 MPPT tracker configuration
- Wireless communication support
- Suitable for bifacial modules
- Three-level soft-switching technology
- Integrated DC switch