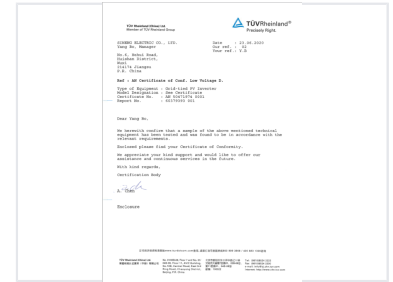


110kW Grid-Tied Solar Inverter

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