

2500/3000kW Solar Inverter

This solar inverter converts DC power from solar panels into AC power for grid connection. It features efficient three-level topology and an intelligent cooling system.



Overview

High-Efficiency Medium Voltage Solar Inverter

This advanced power conversion and distribution unit is designed specifically for large-scale utility solar projects. It features an integrated architecture that combines the inverter, transformer, and switchgear within a single 20-foot containerized solution. This design ensures lower transportation costs, simplified installation, and reliable operation in harsh environmental conditions.

Performance

Key Advantages	Cost Effective, Reliable, Easy Maintenance, Flexible Grid Application, IP54 Protection
Inverter Efficiency	99 %

Input (DC)

Max. Input Voltage	1500 V
Max. Input Current	3508 A

Output (AC)

Nominal AC Power

2500 kW Model SG2500HV-MV	3000 kW Model SG3000HV-MV
-------------------------------------	-------------------------------------

AC Voltage Range	10 - 35 kV
------------------	------------

Technical Data

Input Specifications

Feature	SG2500HV-MV	SG3000HV-MV
Start Voltage	840 V	940 V
Min. Working Voltage	800 V	900 V
MPP Voltage Range	800 - 1300 V	900 - 1300 V