

THE NEW SG150CX

MORE POWER. HIGHER YIELDS.



HIGH YIELD

The SG150CX ensures high yield with 98.8% efficiency and advanced MPPT scanning, while PID recovery restores lost energy potential.



SMART MANAGEMENT

The SG150CX offers smart management through the iSolarCloud platform, providing real-time monitoring and advanced fault detection.



SAFE AND RELIABLE

The SG150CX ensures safe and reliable operation with AFCI 3.0, DC I+II SPD protection and IP66/C5 ratings.

FREQUENTLY ASKED QUESTIONS

1

What safety features does the SG150CX inverter offer?

The SG150CX features AFCI 3.0 for intelligent DC arc interruption up to 450m and intelligent string-level disconnection.

2

What maintenance benefits does the SG150CX provide?

The SG150CX includes air duct self-cleaning, fan reverse rotation for debris removal, and a patented removable filter for less maintenance and higher operational efficiency.

3

How does the SG150CX handle harsh environments?

It features IP66 protection, C5 anti-corrosion, electrostatic spray coating, and high-purity aluminum alloy construction to withstand harsh conditions.

4

What makes the SG150CX installation flexible?

The SG150CX supports multiple installation angles and features a drawer-type sliding design for easy wiring and adaptability to various roof conditions.

5

How does the SG150CX detect and manage faults?

The inverter has high-precision string detection, intelligent fault identification, and I-V diagnosis for accurately locating and managing abnormal strings.

6

Why are we launching this product to the market?

By offering a 150kW inverter in the low-voltage segment, we enable customers to maximize their energy production per inverter, reducing the number of inverters needed for larger installations. This leads to lower installation and maintenance costs, making solar energy more accessible and cost-effective.

7

What are the scalability advantages of the SG150CX?

The SG150CX supports large-scale expansion by enabling the connection of more PV panels with fewer inverters, making it easier to scale solar installations as energy needs grow.

8

Is the SG150CX compatible with Sungrow optimizers?

Yes, the SG150CX is compatible with Sungrow's upcoming optimizer model, the SP1400D, which is scheduled for market release in Q1 2026..

