

COMMERCIAL EXTREME



 How to buy?

WIDE POWER RANGE

Every plant is different. We know about this issue, therefore, Sungrow's CX Series is available from 33 - 110 kW.

WITH AFCI TECHNOLOGY

The most optimized fire hazard prevention: automatic shutdown in less than 200 ms. Integrated, no extra costs!

SMART ACTIVE COOLING

High-quality fans ensure optimal temperature inside the inverter by adjusting their speed to any temperature changes.

MORE PROFITABLE

The CX Series is very quick & easy to install, thanks to external connectors. Further-more it offers a DC / AC ratio up to 1.5.

EFFICIENT REPOWERING

The CX comes with integrated PID Recovery & Q @ Night for maximal power over the lifespan of the inverter and grid support.

FREE MONITORING

Easy step-by-step commissioning guides, remote parameter setting and troubleshooting. 100 % GDPR compliant!

YOU WANT MORE HARD FACTS? [CLICK HERE](#)

ASK THE EXPERT



Eleonora Potestio

Technical Presales &
Product Owner Commercial

1 Is arc fault detection mandatory?

In Europe there is currently no standard for arc fault detection for inverters. The standard IEC 63027 “DC Arc Detection & Interruption in Photovoltaic Power Systems” is currently under development. The norm aims to provide requirements for AFCI in PV systems. Therefore, arc fault detection may be required in the future. Our inverters currently follows the UL 1699B standard.

2 What happens when an arc fault is detected?

Once the arc detection function has been activated, it will identify a fault arc and will interrupt the circuit in less than 200 ms. This feature improves personal safety, protects equipment and prevents damage of the solar system.

3 What are the benefits of Smart Active Cooling?

The fans adapt their speed to keep the right temperature of the inverter and avoid derating due to high temperatures. For every 10°C temperature rise the lifetime of electronics is cut in half. That's why active cooling is a must-have for getting the best out of a commercial solar plant and ensure a long-lifetime of the inverter.

4 Which meters are compatible with the CX Series for feed-in limitation?

For system current below 80 A, the Sungrow Smart Meter DTSD1352 can be used. If it is above 80 A, the new DTSD 1352 6A with CT, Weidmüller Energy Meter 610 or Janitza UMG 604 are recommended. A compatible data logger, such as COM100E / Logger1000 is mandatory. The maximum number of devices connected can be up to 30.

5 How does the PID Recovery work?

Electric fields within the solar cell lead to power loss of the module over time. The CX inverter use reverse potential at night to make the charge carriers diffuse back and to cancel polarization.

6 Will Sungrow's monitoring platform iSolarCloud stay free of charge?

Yes, iSolarCloud will stay free of charge. We think it's a must to provide smart and easy monitoring to our customers. The platform is updated and improved with new features on a regular base to make the installers lives as easy as possible.