Sungrow sg30cx

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The SG30CX is engineered for high yield, featuring three maximum power point trackers (MPPTs) that achieve an impressive 98.6% efficiency. Its compatibility with bifacial modules further enhances energy production, harnessing energy from both sides of the panel. Additionally, the built-in PID (Potential Induced Degradation) recovery function safeguards the performance of the PV modules, ensuring consistent and optimal output over time.

Sungrow's SG30CX is designed for seamless operation and maintenance. The touch-free commissioning process and remote firmware upgrades streamline installation and updates, saving time and resources. The inverter's smart IV curve scanning capability allows for real-time data collection, empowering users to make informed decisions and proactively address potential issues. Furthermore, the fuse-free design and smart string current monitoring simplify maintenance tasks, reducing downtime and operational costs.

The SG30CX inverter offers a cost-effective solution for businesses with its compatibility with both Aluminum (Al) and Copper (Cu) AC cables. The DC 2 in 1 connection feature enables efficient and straightforward installation, saving time and labor expenses. Additionally, the optional WLAN (Wireless Local Area Network) communication eliminates the need for physical cabling, reducing material costs while ensuring reliable communication.

Safety is a paramount consideration in the design of the SG30CX. The inverter boasts IP66 and C5 anti-corrosion ratings, ensuring robust protection against environmental elements. The integrated Type II SPDs (Surge Protection Devices) for both DC and AC circuits safeguard against transient overvoltage events, enhancing system safety and longevity. Furthermore, the SG30CX complies with global safety and grid code standards, providing peace of mind for customers in various markets.

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