CX series-FAQ

Hardware differences

Applicable to: SG30-50CX, SG110CX

1. SG110CX hardware version difference table

Model and Version	Difference Description	DC Switch	DC Lightning Protection	Arc Function
SG110CX-V11 (IEC)	Basic version	Yes	Level 2	No
SG110CX-V112 (IEC)	Based on V11. 1. Added arc function, 2. DC lightning protection is type 1+2	Yes	Level 1+Level 2	Yes
SG110CX-V113 (Korea)	Based on V11. Changed nameplate and warning label to Korean.	Yes	Level 2	No
SG110CX-V114 (Brazil)	Based on V11. Applied for the Brazilian version	Yes	Level 2	No
SG110CX-V115 (IEC)	Based on V112 Increased MPPT current to 27A. Only applicable in Southeast Asia	Yes	Level 1+Level 2	Yes
SG110CX-V13 (Australia)	Based on V11. No DC switch	No	Level 2	No
SG110CX-V14 (Australia)	Based on V13. Added DC switch	Yes	Level 2	No

2. SG33-50CX hardware version difference table

Model and Version	Difference Description	Arc Function
SG33CX-V11 (China and IEC)	Basic version	No
SG33CX-V112 (China and IEC)	Based on V11. Added arc function.	Yes
SG33CX-V113 (Latin America and IEC)	Based on V11. WIFI module is standard configuration.	No
SG33CX-V114 (Korea)	Based on V11. Changed nameplate and warning label to Korean.	No
SG40CX-V11 (China and IEC)	Basic version	No
SG40CX-V112 (China and IEC)	Based on V11. Added arc function.	Yes
SG40CX-V113 (Latin America and IEC)	Based on V11. WIFI module is standard configuration.	No
SG50CX-V11 (China and IEC)	Basic version	No
SG50CX-V112 (China and IEC)	Based on V11. Added arc function.	Yes
SG50CX-V113 (Latin America and IEC)	Based on V11. WIFI module is standard configuration.	No
SG50CX-V114 (Korea)	Based on V11. Changed nameplate and warning label to Korean.	No
SG50CX-V13 (Australia)	Based on V11. 1. No DC switch. 2. Added DRM function.	No
SG50CX-V14 (Australia)	Based on V13 1. Added DC switch. 2. Added a transparent cover on the DC switch. 3. Warning label on the transparent cover.	No

For further information, please download the user manual for:
SG30-50CX
SG110CX

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians. The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.

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