



EU Declaration of Conformity

The below products comply to the directives of the European Union:

SOFAR 3.3KTL-X, SOFAR 4.4KTL-X, SOFAR 5KTL-X, SOFAR 5.5KTL-X, SOFAR 6.6KTL X, SOFAR 8.8KTL-X, SOFAR 11KTL-X, SOFAR 12KTL-X

Directive 2014/35/EU	Electrical equipment designed for use within certain voltage limits (LVD)
Directive 2014/30/EU	Electromagnetic compatibility (EMC)
Directive 2011/65/EU	Restriction of the use of certain hazardous substances (RoHS)

Norm	Title
IEC 62109-1:2010	Safety of power converters for use in photovoltaic power systems - Part 1: General requirements
IEC 62109-2:2011	Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters
DIN VDE V 0126-1-1:2013-08	Automatic disconnection device between a generator and the public low-voltage grid
EN 61000-3-2:2014	Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2:2014)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3:2013)
EN 61000-3-11:2000	Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection (IEC 61000-3-11:2000)
EN 61000-3-12:2011	Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current > 16 A and 75 A per phase (IEC 61000-3-12:2011)
EN 61000-6-1:2007	Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential, commercial and light-industrial environments (IEC 61000-6-1:2005)
EN 61000-6-2:2005	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments (IEC 61000-6-2:2005)
EN 61000-6-3:2007+A1:2011	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial Environments (IEC 61000-6-3:2006/A1:2010)
EN 61000-6-4:2007+A1:2011	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments (IEC 61000-6-4:2006/A1:2010)

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Shenzhen, 2021-07-21

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