

EU Declaration of Conformity

The company

KOSTAL Solar Electric GmbH
Hanferstraße 6
79108 Freiburg i. Br., Germany

hereby declares that the storage inverters

PLENTICORE BI 5.5/13

with which this declaration is concerned, are in accordance with the following guidelines and standards:

Directive 2014/30/EU on the approximation of the laws of the Member States relating to electromagnetic compatibility

- EN 61000-3-2:2014 (Harmonic currents)
- EN 61000-3-3:2013 (Patches)
- EN 61000-6-2:2005/AC:2005 (Immunity for industrial environments)
- EN 61000-6-3:2007/A1:2011/AC:2012 (Immunity for residential environments)

Directive 2014/35/EU on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits – Low Voltage Directive

- EN 62109-1:2010 (Safety of power converters for use in photovoltaic power systems – Part 1)
- EN 62109-2:2011 (Safety of power converters for use in photovoltaic power systems – Part 2)

Directive 2011/65/EU (RoHS) to limit the use of certain hazardous substances in electrical and electronic equipment

- EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

This declaration applies to all identical specimens of the product. This declaration becomes invalid if a change is made to the unit or the unit is improperly installed.

KOSTAL Solar Electric GmbH – Freiburg 11.10.2019



Dr. Manfred Gerhard
(Managing Director)



Dr. Armin von Preetzmann
(Vice-President R&D)