



EU Declaration of Conformity



Within meaning of EU Directives;

- 2014/35/EU Low Voltage Directive (LVD)
- 2014/30/EU Electromagnetic Compatibility Directive (EMC)
- 2014/53/EU Radio Equipment Directive (RED)
- 2011/65/EU RoHS2 Directive

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Product types stated below have been developed, constructed, and manufactured in accordance with the above-mentioned EU directives.

Product	Solar Power Optimizer (Optimization)
Types	TS4-X-O (501-Y-2501) where Y= (100000-999999)
Communication	• Wireless 2.4 GHz • PLC
Interface	IEEE 802.15.4 PLC Transmitter

Following harmonized standards have been applied accordingly;

Low-voltage directive 2014/35/EU

- EN 62109-1: 2010

Electromagnetic Compatibility Directive, 2014/30/EU

- EN 61000-6-3:2007/A1:2011
- IEC 61000-6-3:2020
- BS EN IEC 61000-6-3:2021
- EN 61000-6-2:2005/AC:2005
- IEC 61000-6-2:2016
- BS EN IEC 61000-6-2:2019

Radio Equipment Directive, 2014/53/EU

- ETSI EN 301 489-1 V2.2.3 (2019-11)
- ETSI EN 301 489-17 V3.1.1 (2017-02)
- ETSI EN 300 328 V2.2.2 (2019-07)

RoHS2 Directive, 2011/65/EU

- EN 50581: 2012
- EN 62321: 2009

Date: 8/23/2024

Bijay Shrestha

Bijay Shrestha, Product Compliance