



EU DECLARATION OF CONFORMITY



We:

Manufacturer's name: **TWERD ENERGO-PLUS Sp. z o.o.**
Manufacturer's address: **Aleksandrowska 28-30, 87-100 Toruń, Poland**
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declare at our own responsibility, that product:

Product name: **Renewable energy source Inverter**
Type: **PS100**
Power range: **1 kW ÷ 5,5 kW**

installed and used according to the User manual is conformity with the following directives and standards:

Directive 2014/35/UE: Low Voltage Directive (LVD)

Safety of power converters for use in photovoltaic power systems:

- **PN-EN 62109-1:2010⁽¹⁾**
- **PN-EN 62109-2:2011⁽¹⁾**

⁽¹⁾ Applicable for solar and hybrid (solar-wind) models only.

Directive 2014/30/UE: Electromagnetic Compatibility (EMC) Directive

Electromagnetic Compatibility (EMC) – Limits

- **PN-EN 61000-3-2:2014-10**
- **PN-EN 61000-3-3:2013-10**
- **PN-EN 61000-3-12:2012**

Electromagnetic Compatibility (EMC) – Generic standards

- **PN-EN 61000-6-1:2008**
- **PN-EN 61000-6-2:2008**
- **PN-EN IEC 61000-6-3:2008+A1:2012**
- **PN-EN IEC 61000-6-4:2008+A1:2012**

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

- **PN-EN IEC 63000:2019-01**

Standard PN-EN 50549-1:2019-02 for type A generating modules.

TWERD ENERGO-PLUS Sp. z o.o.

Oleksandr Skliar

Dyrektor ds. rozwoju i

stosunków międzynarodowych
Prekursor

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