



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: **Frequency converter**
Type: **MFC1000C, MFC1000C/AcR**
Voltage range: **3 x 400 V_{AC}, 3 x 500 V_{AC}, 3 x 690 V_{AC}**
Power range: **30 kW ÷ 800 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)

- **PN-EN 61800-5-1:2007+A1:2017-07+A11:2021-07:** Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy.

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

- **PN-EN 61800-3:2008+A1:2012:** Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools.

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

- **PN-EN IEC 63000:2019-01:** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Standard **PN-EN 50178:2003:** Electronic equipment for use in power installations.

TWERD ENERGO-PLUS Sp. z o.o.
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Dyrektor ds. rozwoju i
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Prokurent

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