

EU Declaration of Conformity

Pursuant to Act No. 22/1997 Coll. On the technical requirements for products as amended
and Act 90/2016 Coll. On conformity assessment of specified products when they are placed on the market as amended

Producer:

Company name	AQUIDIS s.r.o.
Address	Milíčova 26, 796 01 Prostějov, Czech Republic
ID number of vendor	03695549

Declares on its sole responsibility that

Product / Type	Smart MPPT
Model/Type	SM24-001
Description	Water heating device from PV panels or the grid.
Power supply	Input voltage PVE [VDC]: 50 až 350V (VDC) Input voltage AC [VAC]: 230V (VAC) (afterheating) Output voltage [VAC]: 80 až 350V (VAC) pulse signal approx. 330Hz Output voltage [VAC]: 230 VAC 50Hz Maximum power: 3000W at ambient temperature 30°C
Power consumption	2 W
Modulation	OFDM
Radio	Wi-Fi
Transmission power	max. 20 dBm e.r.p.
Frequency	2400 – 2483,5 MHz
Bandwidth	20 / 40 MHz
Cover	IP52
Temperature range	0°C až +40°C

Is in compliance with these legislation:

Requirement	Directive of the European Parliament and of the Council	Government Regulation of the Czech Republic
Radio parameters (RED)	2014/53/EU	426/2016 Sb.
Restrictions on the use of hazardous substances (RoHS)	2011/65/EU	481/2012 Sb.

And with these harmonized technical regulations:

Requirement	Technical regulation	Protocols
EMC (2014/53/EU odst. 3.1.b)	EN 301 489-1 V2.2.3 (2019-11) EN 301 489-17 V3.2.4 (2020-09) EN 55032:2015, EN 55032:2015/A1:2020, EN 55032:2015/A11:2020 EN IEC 61000-6-3:2021 EN IEC 61000-6-2:2019 EN IEC 61000-3-2:2019 EN 61000-3-3:2013/A1:2019 EN 61000-4-2:2009 EN IEC61000-4-3:2020 EN 61000-4-4:2012 EN 61000-4-5:2014 + EN61000-4-5:2014/A1:2017 EN 61000-4-6:2014 EN IEC 61000-4-11:2020 EN60335-1:2012, EN60335-1:2012A1/A2/A11/A13/A14/A15/AC:2014	65/602/2024/Eng issued 14.10.2024 in Výskumný ústav spojov n.o., Banská Bystrica
Radio (2014/53/EU odst. 3.2)	EN 300 328 V2.2.2	65/608/2024/Eng issued 14.10.2024 in Výskumný ústav spojov n.o., Banská Bystrica
Safety (2014/53/EU odst. 3.1.a)	EN 62479:2010 EN IEC 62311:2020	65/603/2024/Eng issued 14.10.2024 in Výskumný ústav spojov n.o., Banská Bystrica

The product is safe under normal conditions and when used in accordance with the operating instructions. Measures are taken to ensure compliance with the technical documentation and the essential requirements of the above-mentioned legislative provisions included in the corresponding harmonized standards for all products of this type placed on the market.

For the assessment of RED compliance, Module A - internal production control was used according to Article 17 (2) (a) of Directive 2014/53 / EU and Annex II to this Directive, respectively, according to par. 11 2a) NV 426/2016 Sb. and Annex 2 of this NV

A module A - Internal Production Control according to Annex II to Decision 768/2008 / EC, respectively, was applied for compliance with the RoHS, according to Annex no.4 NV 481/2012 Coll.

Place of issue:	Prostějov	Representative of manufacturer and funkcion:	Ing. Martin Řezáč, Managing Director
Date of issue:	15.10.2024	Signature:	