ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Attestation of Conformity

No. T8A 084026 0020 Rev. 00

Holder of Certificate: **RPS S.p.A.**
VIALE EUROPA 7
37045 LEGNAGO (VR)
ITALY

Product: **Converter**
(PV grid-interactive inverter)

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing where used. The used standards completely cover all essential requirements of the Radio Equipment Directive applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. See also notes overleaf.

Test report no.: 6877219000501A

Date, 2019-09-24

(Paul Yu)

After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives the manufacturer may sign a Declaration of Conformity and apply the CE-marking.

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TÜV SÜD

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Model(s): **RS 1.0, RS 1.5, RS 2.0, RS 2.5, RS 3.0, RS 4.0, RS 4.6, RS 5.0, RS 6.0**

Parameters:

Ratings: See below table for details
Protection Class: I

Test Report No.:
6877219000501A: [EN 300 328; EN 62311; EN 50665];
6877219000401A: [EN 61000-6-1, EN 61000-6-3, EN 61000-6-2, EN 61000-6-4, EN 61000-3-12, EN 61000-3-11, EN 301 489-1, EN 301 489-17];
64290180422402A: [EN 62109-1, EN 62109-2]

Model:	RS 1.0	RS 1.5	RS 2.0	RS 2.5	RS 3.0
Maximum rated d.c. input voltage	600 Vd.c.	600Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70-580Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	12,5 Ad.c.	12,5Ad.c.	12,5 Ad.c.	12,5 Ad.c.	12,5 Ad.c.
Maximum total PV array s-c current	15 Ad.c.	15Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.
a.c. output voltage range	220/230Va.c.	220/230Va.c.	220/230Va.c.	220/230Va.c.	220/230Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	4,8 Aa.c.	7,2 Aa.c	9,5 Aa.c.	11,9 Aa.c..	14,3 Aa.c..
Nominal output active power Pn	1 kW	1.5kW	2 kW	2.5 kW	3 kW
Power factor	0,8 ind. ~ 0,8 cap.	0,8 ind. ~0,8 cap.	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.
Temperature range	-25~+60°C	-25~+60°C	-25~+60°C	-25~+60°C	-25~+60°C
Degree of protection	IP 65	IP 65	IP 65	IP 65	IP 65
Protection class	I	I	I	I	I

After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives the manufacturer may sign a Declaration of Conformity and apply the CE-marking.

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Product Service

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No. T8A 084026 0020 Rev. 00

Model:	RS 4.0	RS 4.6	RS 5.0	RS 6.0
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	11 ×2 Ad.c.	11 ×2 Ad.c.	11 ×2 Ad.c.	11 ×2 Ad.c.
Maximum total PV array s-c current	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.
a.c. output voltage range	220/230Va.c.	220/230Va.c.	220/230Va.c.	220/230Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	19,1 Aa.c.	21,95 Aa.c.	23,8 Aa.c.	28,6 Aa.c.
Nominal output active power Pn	4.0 kW	4.6 kW	5.0 kW	6.0 kW
Power factor	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.	0,8 ind. ~ 0,8 cap.
Temperature range	-25~+60°C	-25~+60°C	-25~+60°C	-25~+60°C
Degree of protection	IP 65	IP 65	IP 65	IP 65
Protection class	I	I	I	I

Tested according to:

EN 61000-6-1:2007
EN 61000-6-3:2007/A1:2011
EN 61000-6-2:2005
EN 61000-6-4:2007/A1:2011
EN 61000-3-12:2011
EN 61000-3-11:2000
Draft EN 301 489-1 V2.2.1:2019
Draft EN 301 489-17 V3.2.0:2017
EN 300 328 V2.1.1:2016
EN 62311:2008
EN 50665:2017
EN 62109-1:2010
EN 62109-2:2011

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