

ATTESTATION OF CONFORMITY

Issued to: SONNENKRAFT GmbH
Solarstrasse 1, 9300 St.Veit / Glan, Austria

For the product: PV Grid-tied Inverter

Trade name: **SONNENKRAFT**

Type/Model: SK-WR-3; SK-WR-4; SK-WR-5; SK-WR-6; SK-WR-8; SK-WR-10; SK-WR-12;
SK-WR-15; SK-WR-17; SK-WR-20; SK-WR-23; SK-WR-25

Ratings: See Annex

Manufactured by: SONNENKRAFT GmbH
Solarstrasse 1, 9300 St.Veit / Glan, Austria

Requirements: EN 61000-6-1:2007
EN 61000-6-2:2005
EN 61000-6-3:2007+A1:2011+AC:2012
EN 61000-6-4:2007+A1:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 2330048R-PV-CE-PV01V01.

This Attestation implies that the examined types are in accordance with the standards designated under the Electromagnetic compatibility directive 2014/30/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.
Arnhem, 14 March 2023
Number: 6153277.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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Annex

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Ratings of product:

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

Inverter topology: Non-isolated

Over Voltage Category: III(MAINS), II(PV)

SK-WR-3:

DC: Max. input power: 4500W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

AC: Rated power: 3000W; Max. apparent power: 3300VA; Nominal frequency: 50 / 60 Hz;

Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 4,3 A; Max. output current: 4,8 A;

SK-WR-4:

DC: Max. input power: 6000W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

AC: Rated power: 4000W; Max. apparent power: 4400VA; Nominal frequency: 50 / 60 Hz;

Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 5,8 A; Max. output current: 6,4 A;

SK-WR-5:

DC: Max. input power: 7500W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

AC: Rated power: 5000W; Max. apparent power: 5500VA; Nominal frequency: 50 / 60 Hz;

Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 7,2 A; Max. output current: 8,0 A;

SK-WR-6:

DC: Max. input power: 9000W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

AC: Rated power: 6000W; Max. apparent power: 6600VA; Nominal frequency: 50 / 60 Hz;

Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 8,7 A; Max. output current: 9,6 A;

SK-WR-8:

DC: Max. input power: 12000W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

AC: Rated power: 8000W; Max. apparent power: 8800VA; Nominal frequency: 50 / 60 Hz;

Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 11,6 A; Max. output current: 12,8 A;

SK-WR-10:

DC: Max. input power: 15000W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

AC: Rated power: 10000W; Max. apparent power: 11000VA; Nominal frequency: 50 / 60 Hz;

Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 14,5 A; Max. output current: 15,9 A;

SK-WR-12:

DC: Max. input power: 18000W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};

Nominal operating voltage: 600V_{dc}; Max. DC current: 14 A / 14 A; I_{sc} PV: 18,2 A / 18,2 A

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AC: Rated power: 12000W; Max. apparent power: 13200VA; Nominal frequency: 50 / 60 Hz;
Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 17,4 A; Max. output current: 19,1 A;

SK-WR-15:

DC: Max. input power: 22500W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};
Nominal operating voltage: 600V_{dc}; Max. DC current: 28 A / 28 A; I_{sc} PV: 36,4 A / 36,4 A

AC: Rated power: 15000W; Max. apparent power: 16500VA; Nominal frequency: 50 / 60 Hz;
Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 21,7 A; Max. output current: 23,9 A;

SK-WR-17:

DC: Max. input power: 25500W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};
Nominal operating voltage: 600V_{dc}; Max. DC current: 28 A / 28 A; I_{sc} PV: 36,4 A / 36,4 A

AC: Rated power: 17000W; Max. apparent power: 18700VA; Nominal frequency: 50 / 60 Hz;
Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 24,6 A; Max. output current: 27,1 A;

SK-WR-20:

DC: Max. input power: 30000W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};
Nominal operating voltage: 600V_{dc}; Max. DC current: 28 A / 28 A; I_{sc} PV: 36,4 A / 36,4 A

AC: Rated power: 20000W; Max. apparent power: 22000VA; Nominal frequency: 50 / 60 Hz;
Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 29,0 A; Max. output current: 31,9 A;

SK-WR-23:

DC: Max. input power: 34500W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};
Nominal operating voltage: 600V_{dc}; Max. DC current: 28 A / 28 A; I_{sc} PV: 36,4 A / 36,4 A

AC: Rated power: 23000W; Max. apparent power: 25300VA; Nominal frequency: 50 / 60 Hz;
Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 33,3 A; Max. output current: 36,7 A;

SK-WR-25:

DC: Max. input power: 34500W; Absolute max. voltage: 1100 V_{dc}; MPPT voltage range: 140-1000 V_{dc};
Nominal operating voltage: 600V_{dc}; Max. DC current: 28 A / 28 A; I_{sc} PV: 36,4 A / 36,4 A

AC: Rated power: 25000W; Max. apparent power: 27500VA; Nominal frequency: 50 / 60 Hz;
Nominal voltage: 3 / N / PE 230 / 400 V_{ac}; Nominal output current: 36,2 A; Max. output current: 39,9 A;

End