

ATTESTATION OF CONFORMITY

Issued to: Heinrich Kopp GmbH
Alzenauer Straße 68 63796 Kahl am Main, Germany

For the product: PV Grid-tied Inverter



Trade name:

Type/Model: KOPP.Kuara 3.0-2-T, KOPP.Kuara 4.0-2-T, KOPP.Kuara 5.0-2-T,
KOPP.Kuara 6.0-2-T, KOPP.Kuara 8.0-2-T, KOPP.Kuara 10.0-2-T,
KOPP.Kuara 12.0-2-T, KOPP.Kuara 15.0-2-T, KOPP.Kuara 17.0-2-T,
KOPP.Kuara 20.0-2-T, KOPP.Kuara 23.0-2-T, KOPP.Kuara 25.0-2-T

Ratings: See Annex

Manufactured by: Heinrich Kopp GmbH
Alzenauer Straße 68 63796 Kahl am Main, Germany

Requirements: EN 62109-1:2010
EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6128368.50(A-B)

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/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, 27 May 2022

Number: 6128368.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Annex to 6128368.01AOC
Ratings of the test 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

KOPP.Kuara 3.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 3000VA, max apparent power 3300 VA, rated 4.3 A, max 4.8 A

KOPP.Kuara 4.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 4000VA, max apparent power 4400 VA, rated 5.8 A, max 6.4 A

KOPP.Kuara 5.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 5000VA, max apparent power 5500 VA, rated 7.2 A, max 8.0 A

KOPP.Kuara 6.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 6000VA, max apparent power 6600 VA, rated 8.7 A, max 9.6 A

KOPP.Kuara 8.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 8000VA, max apparent power 8800 VA, rated 11.6 A, max 12.8 A

KOPP.Kuara 10.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 10000VA, max apparent power 11000 VA, rated 14.5 A, max 15.9 A

KOPP.Kuara 12.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 14 A /14 A, Isc PV: 18.2 A/18.2 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 12000VA, max apparent power 13200 VA, rated 17.4 A, max 19.1 A

KOPP.Kuara 15.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 28 A /28 A, Isc PV: 36.4 A/36.4 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 15000VA, max apparent power 16500 VA, rated 21.7 A, max 23.9 A

Annex to 6128368.01AOC

KOPP.Kuara 17.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 28 A /28 A, Isc PV: 36.4 A/36.4 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 17000VA, max apparent power 18700 VA, rated 24.6 A, max 27.1 A

KOPP.Kuara 20.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 28 A /28 A, Isc PV: 36.4 A/36.4 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 20000VA, max apparent power 22000 VA, rated 29.0 A, max 31.9 A

KOPP.Kuara 23.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 28 A /28 A, Isc PV: 36.4 A/36.4 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 23000VA, max apparent power 25300 VA, rated 33.3 A, max 36.7 A

KOPP.Kuara 25.0-2-T:

PV input: Max. 1100 Vdc, MPPT voltage range: 140-1000 Vdc, max 28 A /28 A, Isc PV: 36.4 A/36.4 A

Output: 3/N/PE, 230/400 Vac, 50/60 Hz, rated apparent power 25000VA, max apparent power 27500 VA, rated 36.2 A, max 39.9 A