

ATTESTATION OF CONFORMITY

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

For the product: Storage Inverter

Trade name:



Type/Model: KOPP.Kuara 5.0-3-H, KOPP.Kuara 6.0-3-H, KOPP.Kuara 8.0-3-H, KOPP.Kuara 10.0-3-H, KOPP.Kuara 12.0-3-H,
KOPP.Kuara 5.0-3-AC, KOPP.Kuara 6.0-3-AC, KOPP.Kuara 8.0-3-AC, KOPP.Kuara 10.0-3-AC, KOPP.Kuara 12.0-3-AC

Ratings: See Annex

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

Requirements: EN 62109-1:2010, IEC 62109-1:2010
EN 62109-2:2011, IEC 62109-2:2011
EN 62477-1:2012+A1:2017, IEC 62477-1:2012+AMD1:2016

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 6134434.50 (A-C).

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 June 2022

Number: 6134434.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Annex to 6134434.01AOC

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

Over voltage category: III(AC), II(DC)

KOPP.Kuara 5.0-3-H:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 14 A/14 A, Isc PV: 16 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 8.0 A, max active power 5000 W, max apparent power 5500 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

KOPP.Kuara 6.0-3-H:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 14 A/14 A, Isc PV: 16 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 9.6 A, max active power 6000 W, max apparent power 6600 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

KOPP.Kuara 8.0-3-H:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 26 A/14 A, Isc PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 12.8 A, max active power 8000 W, max apparent power 8800 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 21.2 A, max apparent power 14000 VA

KOPP.Kuara 10.0-3-H:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 26 A/14 A, Isc PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 16.0 A, max active power 10000 W, max apparent power 11000 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA

KOPP.Kuara 12.0-3-H:

PV input: max 1000 Vdc, MPPT voltage range: 160-950 Vdc, max 26 A/14 A, Isc PV: 32 A/16 A

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery

AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA

AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 19.2 A, max active power 12000 W, max apparent power 13200 VA

EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA

Annex to 6134434.01AOC

KOPP.Kuara 5.0-3-AC:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery
AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA
AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 8.0 A, max active power 5000 W, max apparent power 5500 VA
EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 15.2 A, max apparent power 10000 VA

KOPP.Kuara 6.0-3-AC:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery
AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA
AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 9.6 A, max active power 6000 W, max apparent power 6600 VA
EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 18.2 A, max apparent power 12000 VA

KOPP.Kuara 8.0-3-AC:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery
AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA
AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 12.8 A, max active power 8000 W, max apparent power 8800 VA
EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 21.2 A, max apparent power 14000 VA

KOPP.Kuara 10.0-3-AC:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery
AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA
AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 16.0 A, max active power 10000 W, max apparent power 11000 VA
EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA

KOPP.Kuara 12.0-3-AC:

Battery: voltage range: 180-600 Vdc, max charge/discharge current: 26 A, type: Lithium battery
AC input: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 24.2 A, max apparent power 16000 VA
AC output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 19.2 A, max active power 12000 W, max apparent power 13200 VA
EPS output: 230/400 Vac, 3L/N/PE, 50/60 Hz, max 22.7 A, max apparent power 15000 VA