CERTIFICATE OF CONFORMITY

Issued to:	Heinrich Kopp GmbH Alzenauer Straße 68 63796 Kahl am Main, Germany
For the product:	Storage Inverter
Trade name:	
Type/Model:	See Annex
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 Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no 6192197.50(A-B).

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

This Test Certificate expires at the latest on 4 June 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 6 June 2024 Number: 6192197.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Cliff Lin
Certification Manager

IAS ACCREDITED Product Certification Agency
PCA-141

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DEKRA Testing and Certification (Shanghai) Ltd.
No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China
T +86 21 6056 7600 F +86 21 6056 7555 www.dekra-product-safety.com

Ratings of the test product:

Model	KOPP. Kuara 10.0-3-H	KOPP. Kuara 12.0-3-H	KOPP. Kuara 15.0-3-H	KOPP. Kuara 20.0-3-H	KOPP. Kuara 22.0-3-H	KOPP. Kuara 24.9-3-H	KOPP. Kuara 25.0-3-H	KOPP. Kuara 29.9-3-H	KOPP. Kuara 30.0-3-H
PV input									
Max input voltage(Vdc)	1000								
MPPT Voltage range(Vdc)	150-850								
Max input current(A)	16	16	32	32	32	32	32	32	32
Battery									
Battery voltage(Vdc)	150-800								
Max. charge/discharge current(A)	50	50	50+50	50+50	50+50	50+50	50+50	50+50	50+50
Number of battery input	1	1	2	2	2	2	2	2	2
AC Output									
Max. AC Output Power(W)	10000	12000	15000	20000	22000	24900	25000	29900	30000
Max. apparent power(VA)	11000	13200	16500	22000	24200	24900	27500	29900	33000
Rated Output Voltage(Vac)	400V/230VAC, 380V/220VAC, 3L/N/PE								
Rated AC Frequency (Hz)	50/60								
Max. Output Current(A)	16,7	20,0	25,0	33,3	36,7	37,7	41,7	45,4	50,0
AC Output Power Factor	1(0,8 leading …0,8 lagging)								
Max. AC Input Power(W)	15000	18000	22500	30000	33000	35000	35000	35000	35000
Rated grid voltage(Vac)	400V/230VAC, 380V/220VAC, 3L/N/PE								
AC Input									
Max. AC input current(A)	22,7	27,3	34,1	45,5	50,0	53,0	53,0	53,0	53,0
AC Input Power Factor	1(0,8 leading …0,8 lagging)								
EPS Output									
EPS Output Power(W)	10000	12000	15000	20000	22000	25000	25000	30000	30000
EPS Output Voltage(V)	400V/230VAC, 380V/220VAC, 3L/N/PE								
EPS Max. Output Current(A)	15,2	18,2	22,7	30,3	33,3	37,9	37,9	45,5	45,5
General Data	Operating temperature range: - 25 °C to + 60 °C, Protective class: I, Ingress protection rating: IP65, Altitude: 4000m.								