



Product Service

Attestation of Conformity

No. N8A 064946 0001 Rev. 04

Holder of Certificate: **KACO new energy GmbH**
Werner-von-Siemens-Allee 1
74172 Neckarsulm
GERMANY

Product: **Converter**
GRID-CONNECTED PV INVERTER

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092228601-04

Date, 2022-12-01

(Zhengdong Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): KACO blueplanet 3.0 NX3 M2 WM OD IIG0,
 KACO blueplanet 5.0 NX3 M2 WM OD IIG0,
 KACO blueplanet 8.0 NX3 M2 WM OD IIG0,
 KACO blueplanet 10.0 NX3 M2 WM OD IIG0,
 KACO blueplanet 15.0 NX3 M2 WM OD IIG0,
 KACO blueplanet 20.0 NX3 M2 WM OD IIG0.

Parameters:

PV input port	
Max. input voltage:	d.c. 1100V
MPP voltage range:	d.c. 150-1000V
Nom. input current:	d.c. 16/16A(KACO blueplanet 3.0 NX3 M2 WM OD IIG0) d.c. 16/16A (KACO blueplanet 5.0 NX3 M2 WM OD IIG0) d.c. 20/16A(KACO blueplanet 8.0 NX3 M2 WM OD IIG0) d.c. 20/16A(KACO blueplanet 10.0 NX3 M2 WM OD IIG0) d.c. 32/20A(KACO blueplanet 15.0 NX3 M2 WM OD IIG0) d.c. 32/32A(KACO blueplanet 20.0 NX3 M2 WM OD IIG0)
Isc PV(maximum):	d.c. 25/25A(KACO blueplanet 3.0 NX3 M2 WM OD IIG0) d.c. 25/25A(KACO blueplanet 5.0 NX3 M2 WM OD IIG0) d.c. 30/25A(KACO blueplanet 8.0 NX3 M2 WM OD IIG0) d.c. 30/25A(KACO blueplanet 10.0 NX3 M2 WM OD IIG0) d.c. 48/30A(KACO blueplanet 15.0 NX3 M2 WM OD IIG0) d.c. 48/48A(KACO blueplanet 20.0 NX3 M2 WM OD IIG0)
Grid output port	
Nominal grid voltage:	3/N/PE~ 380/400/415V
Nominal grid frequency:	50/60Hz



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Max. continuous output current:	a.c. 3 x 4.8A(KACO blueplanet 3.0 NX3 M2 WM OD IIG0) a.c. 3 x 8A (KACO blueplanet 5.0 NX3 M2 WM OD IIG0) a.c. 3 x 12.8A(KACO blueplanet 8.0 NX3 M2 WM OD IIG0) a.c. 3 x 16A(KACO blueplanet 10.0 NX3 M2 WM OD IIG0) a.c. 3 x 24A(KACO blueplanet 15.0 NX3 M2 WM OD IIG0) a.c. 3 x 31.9A(KACO blueplanet 20.0 NX3 M2 WM OD IIG0)
Nominal AC output apparent power:	3000VA(KACO blueplanet 3.0 NX3 M2 WM OD IIG0) 5000VA(KACO blueplanet 5.0 NX3 M2 WM OD IIG0) 8000VA(KACO blueplanet 8.0 NX3 M2 WM OD IIG0) 10000VA(KACO blueplanet 10.0 NX3 M2 WM OD IIG0) 15000VA(KACO blueplanet 15.0 NX3 M2 WM OD IIG0) 20000VA(KACO blueplanet 20.0 NX3 M2 WM OD IIG0)
Adjustable cos(φ):	0.8ind...0.8cap
General information	
Operating temperature range:	-25°C...+60°C
Inverter topology	No galvanic separation
Protective class:	I
Ingress protection:	IP65

Tested according to:

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