

EU Declaration of Conformity

Manufacturer's name and address	KACO new energy GmbH Werner-von-Siemens-Allee 1 74172 Neckarsulm, Germany	
Product description	Photovoltaic feed-in inverter	
Type designation	KACO blueplanet 50.0 TL3 M1 WM OD IIGS	[1001722; 1001751]
[KACO art. No.]	KACO blueplanet 50.0 TL3 M1 WM OD IIGM	[1001336; 1001582; 1001613; 1001851]
	KACO blueplanet 50.0 TL3 M1 WM OD HUGM	[1001780]
	KACO blueplanet 50.0 TL3 M1 WM OD IIGB	[1001450; 1001653; 1001730; 1001832; 1001840; 1001850]
	KACO blueplanet 50.0 TL3 M1 WM OD IIGX	[1001430; 1001672; 1001852]
	KACO blueplanet 50.0 TL3 M1 WM OD FRGX	[1001555; 1001581]
	KACO blueplanet 50.0 TL3 M1 WM OD HUGX	[1001781]
	KACO blueplanet 60.0 TL3 M1 WM OD IIGB	[1001981]
	KACO blueplanet 60.0 TL3 M1 WM OD IIGM	[1001982]
	KACO blueplanet 60.0 TL3 M1 WM OD IIGX	[1001983]
	KACO blueplanet 60.0 TL3 M1 WM OD FRGX	[1001990]

This is to confirm that the units listed above comply with the protection requirements set forth in the Directive of the Council of the European Union of 26th February 2014 on the harmonisation of the laws of the member states relating to Electromagnetic Compatibility (2014/30/EU) and the Low Voltage Directive (2014/35/EU).

The devices conform to the following standards:

2014/35/EU

"Directive relating to electrical equipment designed for use within certain voltage limits"

Safety of the device

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

2014/30/EU

"Directive relating to electromagnetic compatibility"

Interference immunity

EN 61000-6-1:2007
EN 61000-6-2:2005+AC:2005
EN 62920:2017 Class A
EN 62920:2017/A11:2020

Emitted interference

EN 61000-6-3:2007 + A1:2011 for blueplanet 50.0 TL3 Serie
EN 61000-6-4:2007 + A1:2011 for blueplanet 60.0 TL3 Serie
EN 55011:2016+A1:2017 group 1, class A for blueplanet 60.0 TL3 Serie
EN 55011:2016+A1:2017 group 1, class B for blueplanet 50.0 TL3 Serie
EN 55011:2016/A11:2020
EN 62920:2017 Class A for blueplanet 60.0 TL3 Serie
EN 62920:2017 Class B for blueplanet 50.0 TL3 Serie
EN 62920:2017/A11:2020

Secondary effects on the grid

EN 61000-3-11:2000
EN 61000-3-12:2011

2011/65/EU

"Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment"

RoHS

EN IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic equipment with regard to the restriction of hazardous substances)

The types mentioned above are therefore labelled with the CE mark.

Unauthorised modifications to the supplied devices and/or any use of the devices that is contrary to their intended use render this Declaration of Conformity null and void.

This declaration of conformity is issued under the sole responsibility of KACO new energy GmbH.

Neckarsulm, 13.12.2021

KACO new energy GmbH

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