



Product Service

# Attestation of Conformity

No. N8A 101050 0006 Rev. 00

**Holder of Certificate:** **KEHUA FRANCE SAS**  
3 Place Général de Gaulle  
13001 Marseille  
FRANCE

**Product:** **Converter**  
**(Energy Storage 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. See also notes overleaf.

**Test report no.:** 64290170522701A

**Date,** 2018-09-13

  
(Billy Qiu)

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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):** KF-SPH3600-BL, KF-SPH5000-BL,  
KF-SPH3600-BL-S, KF-SPH5000-BL-S**Parameters:**

Model	KF-SPH3600-BL	KF-SPH5000-BL	KF-SPH3600-BL-S	KF-SPH5000-BL-S
PV input rating				
Max. input power	4000 W	5500 W	4000 W	5500 W
Rated input voltage	360 Vd.c.	360 Vd.c.	360 Vd.c.	360 Vd.c.
Max. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
MPPT voltage range	125 - 550 Vd.c.	125 - 550 Vd.c.	125 - 550 Vd.c.	125 - 550 Vd.c.
MPPT voltage range (full load)	250 - 450 Vd.c.	250 - 450 Vd.c.	250 - 450 Vd.c.	250 - 450 Vd.c.
Max. input current	2 x 11.0 Ad.c.	2 x 11.0 Ad.c.	2 x 11.0 Ad.c.	2 x 11.0 Ad.c.
PV short circuit current	2 x 13.8 Ad.c.	2 x 13.8 Ad.c.	2 x 13.8 Ad.c.	2 x 13.8 Ad.c.
Battery input/output rating				
Battery type	Lithium / Lead-acid	Lithium / Lead-acid	Lithium / Lead-acid	Lithium / Lead-acid
Rated voltage	48 Vd.c.	48 Vd.c.	48 Vd.c.	48 Vd.c.
Battery voltage range	42 ~ 58 Vd.c.	42 ~ 58 Vd.c.	42 ~ 58 Vd.c.	42 ~ 58 Vd.c.
Max. charging power	2500 W	2500 W	2500 W	2500 W
Max. charging current	50 Ad.c.	50 Ad.c.	50 Ad.c.	50 Ad.c.
Max. discharging power	2500 W	2500 W	2500 W	2500 W
Max. discharging current	60 Ad.c.	60 Ad.c.	60 Ad.c.	60 Ad.c.
Grid input rating				
Rated input voltage	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Rated grid frequency	50 Hz	50 Hz	50 Hz	50 Hz
Max. input power	2500 W	2500 W	2500 W	2500 W
Rated input current	10.9 Aa.c.	10.9 Aa.c.	10.9 Aa.c.	10.9 Aa.c.
Max. input current	12.5 Aa.c.	12.5 Aa.c.	12.5 Aa.c.	12.5 Aa.c.
Grid output rating				
Rated output apparent power	3600 VA	5000 VA	3600 VA	5000 VA
Rated output voltage	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.

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Rated output current	15.7 Aa.c.	21.7Aa.c.	15.7 Aa.c.	21.7Aa.c.
Max. output current	16.4 Aa.c.	22.7 Aa.c.	16.4 Aa.c.	22.7 Aa.c.
Rated output frequency	50 Hz	50 Hz	50 Hz	50 Hz
Power factor	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging
Back up output rating				
Rated output apparent power	3500 VA	3500 VA	3500 VA	3500 VA
Rated output active power	2500 W	2500 W	2500 W	2500 W
Rated output voltage	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Rated output current	10.9 Aa.c.	10.9 Aa.c.	10.9 Aa.c.	10.9 Aa.c.
Max. output current	15.9 Aa.c.	15.9 Aa.c.	15.9 Aa.c.	15.9 Aa.c.
Rated output frequency	50 Hz	50 Hz	50 Hz	50 Hz
General data				
Ingress protection rating	IP65	IP65	IP20	IP20
Ambient temperature range	-25°C~60°C	-25°C~60°C	0°C~45°C	0°C~45°C
Protect class	I	I	I	I

**Tested according to:**

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

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