



Product Service

Attestation of Conformity

No. E8A 101050 0009 Rev. 00

Model(s): KF-SPH3600-BL-S, KF-SPH5000-BL-S

Parameters:

Model	KF-SPH3600-BL-S	KF-SPH5000-BL-S
Max. input power	4000 W	5500 W
Rated input voltage	360 Vd.c.	360 Vd.c.
Max. input voltage	600 Vd.c.	600 Vd.c.
MPPT voltage range	125 - 550 Vd.c.	125 - 550 Vd.c.
MPPT voltage range (full load)	250 - 450 Vd.c.	250 - 450 Vd.c.
Max. input current	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.
Battery type	Lithium / Lead-acid	Lithium / Lead-acid
Rated voltage	48 Vd.c.	48 Vd.c.
Battery voltage range	42 ~ 58 Vd.c.	42~ 58 Vd.c.
Max. charging power	2500 W	2500 W
Max. charging current	50 Ad.c.	50 Ad.c.
Max. discharging power	2500 W	2500 W
Max. discharging current	60 Ad.c.	60 Ad.c.
Rated input voltage	230 Va.c.	230 Va.c.
Rated grid frequency	50 Hz	50 Hz
Max. input power	2500 W	2500 W
Rated input current	10.9 Aa.c.	10.9 Aa.c.
Max. input current	12.5 Aa.c.	12.5 Aa.c.
Rated output apparent power	3600 VA	5000 VA
Rated output voltage	230 Va.c.	230 Va.c.
Rated output current	15.7 Aa.c.	21.7Aa.c.
Max. output current	16.4 Aa.c.	22.7 Aa.c.
Rated output frequency	50 Hz	50 Hz
Power factor	0.8 leading - 0.8 lagging	0.8 leading - 0.8 lagging
Rated output apparent power	3500 VA	3500 VA
Rated output active power	2500 W	2500 W
Rated output voltage	230 Va.c.	230 Va.c.
Rated output current	10.9 Aa.c.	10.9 Aa.c.
Max. output current	15.9 Aa.c.	15.9 Aa.c.
Rated output frequency	50 Hz	50 Hz
Ingress protection rating	IP20	IP20
Ambient temperature range	0°C~45°C	0°C~45°C
Protect class	I	I

Tested according to: EN 61000-6-1:2007
EN 61000-6-3:2007/A1:2011

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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. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.