



Shenzhen BALUN Technology Co., Ltd.

Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province. P.R. China

CERTIFICATE OF CONFORMITY

Certificate No.: BL-DG19C0016D02


Applicant: NingBo Deye Inverter Technology Co., Ltd.

Address: No.26 South YongJiang Road, Daqi, Beilun, NingBo,Zhejiang, China.

Manufacture: NingBo Deye Inverter Technology Co., Ltd.

Address: No.26 South YongJiang Road, Daqi, Beilun, NingBo,Zhejiang, China.

Product: Hybrid Inverter

Brand name: 

Model name: SUN-8K-SG01LP1-EU, SUN-7.6K-SG01LP1-EU,
SUN-6K-SG01LP1-EU, SUN-5K-SG01LP1-EU,
SUN-3.6K-SG01LP1-EU, SUN-8K-SG01LP1-EU-B,
SUN-7.6K-SG01LP1-EU-B, SUN-6K-SG01LP1-EU-B,
SUN-5K-SG01LP1-EU-B, SUN-3.6K-SG01LP1-EU-B

The submitted sample of the above product has been tested according with following Standard(s):

Applied Standards:	Report No.:
NRS 097-2-1: 2017 EDITION 2	BL-DG19C0016-B01



Date of Issue: Mar. 4, 2020



Shenzhen BALUN Technology Co., Ltd.

Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province. P.R. China

ANNEX I

to Certificate No.: BL-DG19C0016D02.

Description of product(s):

Model Number	SUN-8K-SG0 1LP1-EU	SUN-7.6K-S G01LP1-EU	SUN-6K-SG0 1LP1-EU	SUN-5K-SG0 1LP1-EU	SUN-3.6K-S G01LP1-EU
Max. input power	8800w	8360w	6600w	5500w	3960W
Max. input voltage	500Vd.c.				
Max. input current	18Ad.c.*2	18Ad.c.*2	20Ad.c.+10Ad .c.	10Ad.c.*2	10Ad.c.*2
MPPT voltage range	150-425Vd.c.				
Battery type	Lead-acid battery or lithium –ion battery				
Battery voltage(V)	48Vdc				
Max.Charger and Discharger power(W)	8800w	8360w	6600w	5500w	3960W
Rated grid voltage	230Vac				
Rated grid frequency	50Hz				
Rated output power	8000w	7600w	6000w	5000w	3600w
Rated output current	38.5Aa.c	33.5Aa.c	26.1Aa.c	20.8Aa.c	15.7 Aa.c
Power factor	0.9 leading to 0.9 lagging				
Ambient temperature	-25℃~60℃ (> 45℃ derating)				
Ingress protection	IP65	IP65	IP65	IP65	IP65
Protective class	Class I				



Shenzhen BALUN Technology Co., Ltd.

Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province. P.R. China

ANNEX II

to Certificate No.: BL-DG19C0016D02.

Description of product(s):

Model Number	SUN-8K-SG0 1LP1-EU-B	SUN-7.6K-S G01LP1-EU- B	SUN-6K-SG0 1LP1-EU-B	SUN-5K-SG0 1LP1-EU-B	SUN-3.6K-S G01LP1-EU- B
Max. input power	8800w	8360w	6600w	5500w	3960W
Max. input voltage	500Vd.c.				
Max. input current	18Ad.c.*2	18Ad.c.*2	20Ad.c.+10Ad .c.	10Ad.c.*2	10Ad.c.*2
MPPT voltage range	150-425Vd.c.				
Battery type	Lead-acid battery or lithium –ion battery				
Battery voltage(V)	48Vdc				
Max.Charger and Discharger power(W)	8800w	8360w	6600w	5500w	3960W
Rated grid voltage	230Vac				
Rated grid frequency	50Hz				
Rated output power	8000w	7600w	6000w	5000w	3600w
Rated output current	38.5Aa.c	33.5Aa.c	26.1Aa.c	20.8Aa.c	15.7 Aa.c
Power factor	0.9 leading to 0.9 lagging				
Ambient temperature	-25°C~60°C(> 45°C derating)				
Ingress protection	IP 20	IP 20	IP 20	IP 20	IP 20
Protective class	Class I				