

VERIFICATION OF COMPLIANCE

No.: **LVD GZES1908022314PV**

Applicant: SunSynk Ltd.
Flat A,3/F Wai Yip Industrial Building, 171 Wai Yip Street, Kwun Tong, Hong Kong

Manufacturer: SunSynk Ltd.
Flat A,3/F Wai Yip Industrial Building, 171 Wai Yip Street, Kwun Tong, Hong Kong

Product Description: Hybrid Inverter

Model No.: **SUNSYNK-3.6K-SG01LP1, SUNSYNK-5K-SG01LP1
SUNSYNK-7.6K-SG01LP1, SUNSYNK-8K-SG01LP1**

Trade Mark: 

Rating: Refer to page 2

Protection against Electric Shock: Class I

Degree of Protection: Refer to page 2

Additional Information: N/A

Sufficient samples of the product have been tested and found to be in conformity with

Test Standard: EN 62109-1: 2010,
EN 62109-2: 2011

as shown in the

Test Report Number(s): **GZES190802231401, GZES190802231402**

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant harmonized standards under the Low Voltage Directive 2014/35/EU. The CE marking as shown below can be affixed, under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives. The affixing of the CE marking presumes in addition that the conditions in annexes III and IV of the Directive are fulfilled.



David [Name]
Senior Technical Manager
SGS-CSTC

2019-08-20

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)

No.:

LVD GZES1908022314PV

Other information added :

Rating :

Model Number	SUNSYNK-8K-S G01LP1	SUNSYNK-7.6K- SG01LP1	SUNSYNK-5K-S G01LP1	SUNSYNK-3.6K- SG01LP1
PV Side				
Max. input power	8800 W	8448 W	5500 W	3960 W
Max. input voltage	500			
Max. input current	18Adc*2	18Adc*2	10Adc*2	10Adc*2
MPPT voltage range	150 - 425			
Battery Side				
Battery type	Lead-acid battery or lithium-ion battery			
Battery voltage(V)	48Vdc(42-58Vdc)			
Max. Charger and Discharger power(W)	8800W	8448W	5500W	3960W
AC Side				
Rated grid voltage	230Vac (185V -265V)			
Rated grid frequency	50Hz (47.5-51.5Hz)			
Rated output power	8000W	7680W	5000W	3600W
Rated output current	38.5Aac	33.5Aac	20.8Aac	15.7Aac
Power factor	0.9Leading~0.9Lagging			
Ambient temperature	-25°C to 60°C (>45°C derating)			
Ingress protection	IP20 / IP65	IP20 / IP65	IP65	IP65
Protective class	Class I			

David Guo

Senior Technical Manager
SGS-CSTC



2019-08-20

Copyright of this verification is owned by SGS-CSTC Standards Technical Services Co., Ltd. and may not be reproduced other than in full and with the prior approval of the General Manager. This verification is subjected to the governance of the General Conditions of Services, printed overleaf.

Member of SGS Group (Société Générale de Surveillance)