



## VERIFICATION OF COMPLIANCE


No.: **SHES1903012623PV**

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

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

Product Name: Hybrid inverter

Model No.: SUNSYNK-8K-SG01LP1, SUNSYNK-7.6K-SG01LP1  
SUNSYNK-6K-SG01LP1, SUNSYNK-5K-SG01LP1  
SUNSYNK-3.6K-SG01LP1

Trade Mark: 

Rating: Refer to page 2 and 3

Intended Use: PV System or Energy Storage System

Protection against Electric Shock: Class I

Additional Information (if any): IP 65/ IP 20  
Firmware version: Display software version: Ver 150  
Control software version: Ver 1702

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

Test Standard: NRS 097-2-1:2010

as shown in the

Test Report Number(s): **SHES190301262301**

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 specific standards.



Roger Hu  
Technical Manager  
SGS-CSTC

2019-03-21

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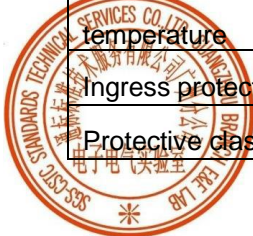
No.:

SHES1903012623PV

Other information added:

Rating:

Model Number	SUNSYNK-8 K-SG01LP1	SUNSYNK-7. 6K-SG01LP1	SUNSYNK-6 K-SG01LP1	SUNSYNK-5 K-SG01LP1	SUNSYNK-3. 6K-SG01LP1
Max. input power	8800w	8360w	6600w	5500w	3960W
Max. input voltage	500Vd.c.				
Max. input current	18Ad.c.*2	18Ad.c.*2	20Ad.c.+10A d.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(42-58Vdc)				
Max.Charger and Discharger power(W)	8800w	8360w	6600w	5500w	3960W
Rated grid voltage	230Vac(185V-265V)				
Rated grid frequency	50HZ(47.5 HZ -51.5 HZ)				
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	IP20/IP65	IP20/IP65	IP65	IP65	IP65
Protective class	Class I				



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