


## VERIFICATION OF COMPLIANCE

No.: LVD GZES1901010375PV  
Applicant: NingBo Deye Inverter Technology Co.,Ltd.  
No.26 South YongJiang Road, Daqi, Beilun, NingBo, China.  
Manufacturer: NingBo Deye Inverter Technology Co.,Ltd.  
No.26 South YongJiang Road, Daqi, Beilun, NingBo, China.  
Product Description: Hybrid Inverter  
Model No.: SUN-8K-SG01LP1-EU, SUN-7.6K-SG01LP1-EU,  
SUN-5K-SG01LP1-EU, SUN-3.6K-SG01LP1-EU  
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): GZES190101037501, GZES190101037502

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 Guo  
Senior Technical Manager  
SGS-CSTC



2019-01-24

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Other information added :

Rating :

Model Number	SUN-8K-SG01LP 1-EU	SUN-7.6K-SG01L P1-EU	SUN-5K-SG02LP 1-EU	SUN-3.6K-SG02L P1-EU
<b>PV Side</b>				
Max. input power	8800W	8448W	5500W	3960
Max. input voltage	500			
Max. input current	18Adc*2	18Adc*2	10Adc*2	10Adc*2
MPPT voltage range	150 - 425			
<b>Battery Side</b>				
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
<b>AC Side</b>				
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			

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