

VERIFICATION OF COMPLIANCE

No.: LVD GZES2503004557PV


Applicant: Sunwoda Energy Technology Co., Ltd.
Room 201, Building C, Sunwoda Electronic Factory, Tangjia
Community, Fenghuang Street, Guangming District,
Shenzhen, 518107, Guangdong, China

Manufacturer: Sunwoda Energy Technology Co., Ltd.
Room 201, Building C, Sunwoda Electronic Factory, Tangjia
Community, Fenghuang Street, Guangming District,
Shenzhen, 518107, Guangdong, China

Product Name: Storage Inverter

Product Description: Inverter used in PV and Battery system

Model No.: OSP-300K-A3, OSP-400K-A2, OSP-400K-A4

Trade Mark: 

Rating: See page 2

Protection against Electric Shock: Class I

Additional Information: -

Sufficient samples of the product have been tested and found to be in conformity with
Test Standard: EN 62477-1:2012 + A11:2014 + A1:2017 + A12:2021
as shown in the

Test Report Number(s): GZES250300455701

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 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

Technical Manager

SGS-CSTC Standards Technical Services Co., Ltd.

2025-05-12

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www.sgsgroup.com.cn
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Other information added:

Rating:

Product Model	OSP-300K-A3	OSP-400K-A2	OSP-400K-A4
Battery			
Operating Voltage Range (Va.c.)	650~950		
Max. Current in each branch (A)	171	342	171
Quantity of battery strings	3	2	4
AC Grid			
Max. Output apparent Power (kVA)	330	440	440
Max. Input apparent Power (kVA)	300	400	400
Normal Input / Output Power (kW)	300	400	400
Normal Voltage (Va.c.)	230/400		
Normal Output Current (A)	432	576	576
Max. Output Current (A)	477	636	636
Max. Input Current (A)	477	636	636
Nominal frequency (Hz)	50/60 (±5 Hz)		
Power Factor	-1(Leading)~1(Lagging)		
Wiring Method	3 W+N+PE		
System Parameter			
Temperature	-20 to +55°C (Derating above 45 °C)		
Humidity	5~95%RH, Non-condensing		
Altitude	2000 m		
Cooling Mode	Intelligent Air-Cooling		
Protection Grade	IP54		
Size (W *D* H)	1200*1200*2380 mm		
Weight	850 kg	900 kg	905 kg

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