

# ATTESTATION OF CONFORMITY

Issued to: Sieyuan Electric Co., Ltd.  
3399 Huaning Road, Minhang District, Shanghai, P.R.China

For the product: Hybrid Inverter

Trade name: Sieyuan

Type/Model: SiH-2.5kW-SH, SiH-3kW-SH, SiH-3.6kW-SH  
SiH-4kW-SH, SiH-5kW-SH, SiH-6kW-SH

Ratings: See Annex

Manufactured by: Sieyuan Electric Co., Ltd.  
3399 Huaning Road, Minhang District, Shanghai, P.R.China

Subject: Complete evaluation of electrical system of the appliances

Requirements: IEC 62109-1:2010, EN 62109-1:2010  
IEC 62109-2:2011, EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no. 6262082.52A, 6262082.52B

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This document does not authorize the use of any DEKRA approved mark.

Arnhem, 26 March 2026

Number: 6262082.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Caroline Chen  
Certification Manager

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# Annex

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Ratings:

Model	SiH- 2.5kW- SH	SiH- 3kW- SH	SiH- 3.6kW- SH	SiH- 4kW- SH	SiH- 5kW- SH	SiH- 6kW- SH
<b>PV</b>						
Max. Input Power [Wp]	8000	10000	10700	11000	12000	13000
Max. Input Voltage [Vd.c.]	600					
MPP Voltage Range [Vd.c.]	40~560					
Max. Input Current [Ad.c.]	16/16					
Short Circuit Current [Ad.c.]	20/20					
Ithe solar+60°C (or 40 °C) [Ad.c.]	16/16					
<b>Battery</b>						
Voltage Range [Vd.c.]	80~460					
Max. Current [Ad.c.]	+30/-30					
Max. power [W]	+6600 / -6600					
<b>AC-Grid</b>						
Rated Voltage [Va.c.]	220V/230V/240					
Rated Active Power [W]	2500	3000	3600	4000	5000	6000
Rated Apparent Power [VA]	2500	3000	3600	4000	5000	6000
Max. Apparent Power [VA]	2500	3000	3600	4000	5000	6000
Max/Rated Current [Aa.c.]	11.4 / 10.9	13.7 / 13.1	16	18.2 / 17.4	22.8 / 21.8	27.3 / 26.1
Rated Frequency [Hz]	50					
Power Factor Range	-0.8~0.8					
Grid Type	1/N/PE					
<b>AC-Backup</b>						
Rated Voltage [Va.c.]	220V/230V/240					
Rated Active Power [W]	2500	3000	3600	4000	5000	6000
Rated/Max. Apparent Power [VA]	2500	3000	3600	4000	5000	6000

Power Factor Range	-0.8~0.8
Rated Frequency	50
AC Type	1/N/PE
<b>System</b>	
Protective Class	I
Enclosure Protection (IP)	IP65
Operating Temperature Range [°C]	-25 to +60
Altitude [m]	4000
Type of inverter	non isolated

End