

ATTESTATION OF CONFORMITY

Issued to: Shanghai Siyuan Watten Technology Co., Ltd.
Room 306, Building 1, HuaNing Road - No.3399 Minhang District, 201108
Shanghai, PEOPLE'S REPUBLIC OF CHINA

For the product: Hybrid Inverter

Swatten

Trade name:

Type/Model: SiH-8kW-SH, SiH-10kW-SH

Ratings: See Annex

Manufactured by: Shanghai Siyuan Watten Technology Co., Ltd.
Room 306, Building 1, HuaNing Road - No.3399 Minhang District, 201108
Shanghai, PEOPLE'S REPUBLIC OF 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. 6220028.50, 6220028.51

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, 3 June 2025

Number: 6220028.02AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Cliff Lin
Certification Manager

© Integral publication of this attestation and adjoining reports is allowed

Page 1 of 3

Annex

Document no. : 6220028.02AOC

Ratings:

Model	SiH-8kW-SH	SiH-10kW-SH
PV input ratings		
Max input power (W)	16000	20000
Max input voltage (V)	600	
MPPT voltage range (V)	40-560	
Max input current (A)	16 / 16 / 16 / 16	
Max short-circuits current (A)	20 / 20 / 20 / 20	
No. of MPPT trace paths	4	
AC input / output (Grid)		
Max input apparent power (VA)	14500	
Max output apparent power (VA)	8000	9999
Rated output active power (W)	8000	9999
Rated voltage (V)	220 / 230 / 240	
Rated frequency (Hz)	50 / 60	
Max input current (A)	63	63
Max output current (A)	36,4	45,5
Power factor (cosφ)	0.8 leading ... 0.8 lagging	
Backup output ratings		
Max apparent power (VA)	8000	9999
Rated active power (W)	8000	9999
Rated voltage (V)	220 / 230 / 240	
Rated frequency (Hz)	50 / 60	
Max current (A)	36,4	45,5
Battery ratings		
Battery type	Li-ion	
Battery voltage range (V)	80-460	
Max charge/discharge current (A)	50 / 50	
Max charge / discharge power	10000 / 10000	
General Data		

Topology	non-isolated inverter
Protective class	Class I
Ingress protection (IP) rating	IP65
Operating temperature	-25~60°C (45~60°C Derating)
Altitude (m)	4000
Dimension (W*H*D, mm)	599*490*177
Max weight (kg)	≤29

End