

30 May 2025

Shanghai Sieyuan Watten Technology Co., Ltd.  
Room 306, Building 1, HuaNing Road - No.3399  
Minhang District, Shanghai 201108  
CHINA

Attention: King Li, DEKRA Testing and Certification (Shanghai) Ltd.

## CERTIFICATION OF ELECTRICAL EQUIPMENT

It is our pleasure to issue you with the enclosed Certificate of Suitability EESS-250476-0.

Please check and ensure the details are correct in accordance with your application.

It was identified that the applied equipment was categorised as in-scope level 1 equipment, as defined in AS/NZS 4417.2. The ERAC Equipment Safety Rules do not require these certification details to be included to the EESS National Database for this category of equipment. This does not negate any requirements for responsible supplier or EESS equipment declarations/registrations on the [ees.gov.au](http://ees.gov.au) website. Due to this, certificate details can be found on the JAS-ANZ online [certificate register](#) and EESS Conformity Certification will not upload the certificate details to the National Database.

We remind you that the Regulatory Compliance Mark (RCM) must be used in accordance with its conditions of use as set out in the latest edition of [AS/NZS 4417.1](#).

This certification is based on type testing, modification to the certified product in any way must be notified to EESS Conformity Certification for endorsement. Details of the modification must be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Any change to the name or address of the certificate holder must be notified to EESS Conformity Certification within one calendar month. Changes may be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

An application for the transfer of Certificate from the existing Certificate Holder to another/new Certificate Holder may be made to EESS Conformity Certification by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Finally, please use the QR code below to take our two-minute survey and comment on our service.

Should you have any further queries, please contact us.

Yours sincerely,



Lloyd Knipe

Managing Director  
Conformity Certification Services Pty Ltd  
trading as EESS Conformity Certification



We'd love to know what you thought of our service. Please scan to fill in a brief survey or visit [www.eesconformity.com](http://www.eesconformity.com)



Certificate No.: EESS-250476-0

## CERTIFICATE OF SUITABILITY

**Certificate Holder:** Shanghai Sieyuan Watten Technology Co., Ltd.  
Room 306, Building 1, HuaNing Road - No.3399  
Minhang District, Shanghai 201108  
CHINA

**Regulatory Definition:** Non-Declared

**Product Type:** Hybrid inverter

**Trade Name(s):** Swatten

**Model No(s):** SiH-8kW-SH, SiH-10kW-SH

**Ratings:** PV Input: 600Vdc max MPPT range: 40-560Vdc 16A x 4 max 16-20kW max.

AC Input: 220/230/240V 50/60Hz 63A max

AC Output: 220/230/240V 50/60Hz 36.4-45.5A max Rated Apparent power: 8000-9999VA .

Battery: Li-ion 80-460Vdc Charge / discharge current : 50A / 50A max.

Class I IP65 ta: 60°C max.

**Refer to Certificate Addendum for specific ratings**

**Standard(s):** IEC 62109-1:2010 – (reference Test Report 6220028.50 issued 26/05/2025 and 6220028.53 issued 16/05/2025)

IEC 62109-2:2011 – (reference Test Report 6220028.51 issued 26/05/2025)

AS/NZS 4777.2:2020 +A1 +A2 – (reference Test Report 6220028.55 issued 26/05/2025)

**Condition(s):** To be installed by Licensed Electrician in accordance with the AS/NZS Wiring Rules, the CEC guidelines and the Manufacturer's Installation Manual.

**Authorised Marking:** The Regulatory Compliance Mark (RCM) in accordance with its conditions of use as set out in the latest edition of AS/NZS 4417.1.

**Date of Issue:** 30 May 2025

**Valid Until:** 30 May 2030

*This certificate is issued by Conformity Certification Services Pty Ltd (CCS) in accordance with the CCS Electrical Product Safety Certification Scheme (EPSC-CCS) as accredited by JAS-ANZ under ISO/IEC 17065. CCS certifies that the Electrical Equipment as described on this certificate complies with the minimum essential safety requirements for which the application has been made. This certificate is not issued under the regulator's recognition for RECS. Certification is based on type testing and within our terms and conditions.*

For and on behalf of  
Conformity Certification Services Pty Ltd  
trading as EESS Conformity Certification



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## CERTIFICATE ADDENDUM

Model	SiH-8KW-SH	SiH-10KW-SH
PV input		
Max. PV input power	16000Wp	20000Wp
Max. PV input voltage	600Vd.c.	
MPP voltage range	40...560Vd.c.	40...560Vd.c.
Max. PV input current	16A/16A/16A/16Ad.c.	16A/16A/16A/16Ad.c.
Short circuit current	20A/20A/20A/20Ad.c.	20A/20A/20A/20Ad.c.
Battery Port		
Battery type	Li-ion battery	
Battery voltage	80...460Vd.c.	
Max. continuous current	50Ad.c.(charge/discharge)	
Max. charge power	10000W	10000W
Max. discharge power	10000W	10000W
AC Output		
Rated output voltage	1/N/PE 230Va.c	
Rated AC active power	8000W	9999W
Max. apparent power	8000VA	9999VA
Max. AC output current	36.4Aa.c	45.5Aa.c
Rated grid frequency	50Hz	

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## CERTIFICATE ADDENDUM

Model	SiH-8KW-SH	SiH-10KW-SH
Adjustable power factor	-0.8...+0.8	
AC Input		
Rated input voltage	1/N/PE 220Va.c 1/N/PE 230Va.c 1/N/PE 240Va.c	
Max. AC input current	63Aa.c.	63Aa.c.
Rated grid frequency	50/60Hz	
AC Backup		
Rated input voltage	1/N/PE 220Va.c 1/N/PE 230Va.c 1/N/PE 240Va.c	
Max. active power	8000W	9999W
Rated current	36.4Aa.c.	45.5Aa.c.
Rated frequency	50/60Hz	
The Software Version	MDSP: SIHXXSH_01_1_MDSP.01.015 SDSP: SIHXXSH_01_1_SDSP.01.002 ARM: SIHXXSH_01_1_ARM.01.027	

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