

# CERTIFICATE OF CONFORMITY

Issued to: Shanghai Sieyuan 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

Trade name: **Swatten**

Type/Model: SiH-5kW-TH, SiH-6kW-TH, SiH-8kW-TH, SiH-10kW-TH  
SeH-5kW-TH, SeH-6kW-TH, SeH-8kW-TH, SeH-10kW-TH  
StH-5kW-TH, StH-6kW-TH, StH-8kW-TH, StH-10kW-TH

Ratings: See Annex

Manufactured by: Shanghai Sieyuan Watten Technology Co., Ltd.  
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Requirements: IEC 62116: 2014

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6211981.50.

The examination has been carried out on one single specimen of the product. 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 Test Certificate expires at the latest on 9 December 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 9 December 2024

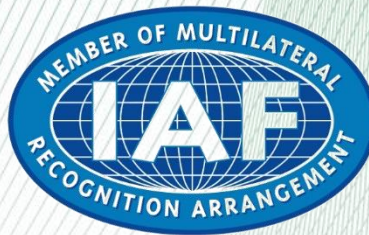
Number: 6211981.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Cliff Lin  
Certification Manager

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DEKRA Testing and Certification (Shanghai) Ltd.

No.250, Jiangchangsan Road, Jing'an District, Shanghai, 200436 People's Republic of China

T +86 21 6056 7600 F +86 21 6056 7555 [www.dekra-product-safety.com](http://www.dekra-product-safety.com)

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PCA-141

# Annex

Document no. : 6211981.01COC

Model list				
Model	SiH-5kW-TH SeH-5kW-TH StH-5kW-TH	SiH-6kW-TH SeH-6kW-TH StH-6kW-TH	SiH-8kW-TH SeH-8kW-TH StH-8kW-TH	SiH-10kW-TH SeH-10kW-TH StH-10kW-TH
PV input ratings				
Max. PV input voltage（V）	1000			
Startup input voltage（V）	180		250	
Rated PV input voltage（V）	600			
MPPT voltage range（V）	150-950		200-950	
No. of MPPT trace paths	2			
Max. PV input current(A)	32(16/16)		48(16/32)	
Max. Short-circuit current（A）	40(20/20)		60(20/40)	
AC ratings（Grid）				
Rated output power（W）	5000	6000	8000	10000
Max. AC output apparent power（VA）	5500	6600	8800	11000
Max. AC output current（A）	8.4	10	13.3	16.7
Rated output voltage（V）	3/N/PE 230/400			
Rated output frequency（Hz）	50			
Adjustable power factor（cosφ）	0.8 leading to 0.8 lagging			
AC output ratings（Backup）				
Rated output voltage（V）	230/400（±2%）			
Frequency range（Hz）	50/60(±0.5%)			
Rated output power（W/VA）	5000 /5000	6000/6000	8000/8000	10000/10000
Nominal current（A）	7.6	9.1	12.1	15.2
Battery ratings				
Battery type	Li-ion			
Battery voltage（V）	150-600			
Max charge/discharge current（A）	30/30			
Environment limit				
Weight（kg）	31			

Ingress protection (IP) rating	IP65			
Operating ambient temperature range	-25°C~60°C, No derating below 45 °C	-25°C~60°C, No derating below 45 °C	-25°C~60°C, No derating below 45 °C	-25°C~60°C, No derating below 45 °C
Max. operating altitude (m)	3000			
Protective class	Class I			

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