

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

Ratings: See Annex

Manufactured by: Shanghai Sieyuan Watten Technology Co., Ltd.
Room 306, Building 1, HuaNing Road - No.3399 Minhang District 201108 Shanghai
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Requirements: TOR Erzeuger type version 1.2:2022-04-11
OVE-Richtlinie R 25:2020-03-01

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6179237.50

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 his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 10 April 2029 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 10 April 2024

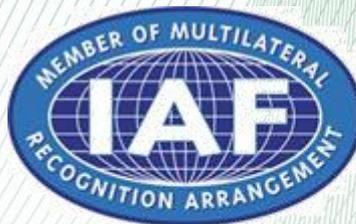
Number: 6179237.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Cliff Lin
Certification Manager

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Annex

Document no. : 6179237.01COC

Model list / Ratings of the test				
Model	SiH-5kW-TH	SiH-6kW-TH	SiH-8kW-TH	SiH-10kW-TH
PV input				
P pv Max(kW)	7.5	9	12	15
Vmax PV (Vdc) (absolute Max.)	1000	1000	1000	1000
Isc PV (absolute Max.) (A)	20/20	20/20	20/20	20/40
Number MPP trackers	2	2	2	2
Number input strings	1/1	1/1	1/1	1/2
Max. PV input current (A)	16/16	16/16	16/16	16/32
MPPT voltage range (Vdc)	150-950	200-950	200-950	200-950
Battery (charge/discharge)				
Battery type	Li-ion			
Battery Normal Voltage Range (Vdc)	150-600			
Max charge/discharge Current(A)	30/30	30/30	30/30	30/30
Max charge/discharge Power(kW)	7.5/6	9/7.2	10.6/10.6	10.6/10.6
AC Grid (input and output)				
Normal AC Voltage (VAC)	3/N/PE 220/380 3/N/PE 230/400 3/N/PE 240/415			
Frequency (Hz)	50/60Hz			
Max. cont. input/output current (A)	18.9/8.4	22.7/10	28.2/13.3	31.2/16.7
Rated Power (kW)	5	6	8	10

Rated Apparent Power (kVA)	5.5	6.6	8.8	11
Power factor(adjustable)	1.0(-0.8~+0.8)			
AC Load output (stand alone)				
Normal Voltage (VAC)	3/N/PE 220/380 3/N/PE 230/400 3/N/PE 240/415			
Frequency (Hz)	50/60Hz			
Nominal Current (A)	7.6	9.1	12.1	15.2
Rated Power (kW)	5	6	8	10
Others				
Ingress protection (IP)	IP65			
Protective class	Class I			
Temperature (C)	-25°C to +60°C			
Topology9Solar/BAT)	Transformerless			
Overvoltage category	AC III, DC II			

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