


Certificate of Conformity

Certificate Number: CN-PVES-240050

On the basis of the tests undertaken, the samples of the below product have been found to comply with the requirements of the referenced standards at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture. The manufacturer shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	SUNWAY SOLAR CO., LTD. Building 7, Cross-border E-commerce Supervision Zone, Huguang Road, Shushan District, Hefei City, Anhui Province, China
Product:	Grid-connected PV inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SW3KTL-EU, SW3.6KTL-EU, SW3.6KTL-EU3, SW4KTL-EU, SW5KTL-EU, SW6KTL-EU, SW7KTL-EU, SW8KTL-EU, SW9KTL-EU, SW10KTL-EU
Brand Name<s>:	
Product Complies with:	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	2401B0683SHA-001

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 21 February 2024



PRD N° 306B

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240050

Ratings & Principal Characteristics:

Specifications table					
Model	SW3KTL-EU	SW3.6KTL-EU	SW3.6KTL-EU3	SW4KTL-EU	SW5KTL-EU
PV input					
P _{pv} Max(W)	4500	5400	5400	6000	7000
V _{max} PV (Vdc) (absolute Max.)	600	600	600	600	600
I _{sc} PV (absolute Max.) (A)	18 x 2	18	18 x 2	18 x 2	18 x 2
Number MPP trackers	2	1	2	2	2
Number input strings	1/1	1	1/1	1/1	1/1
Max. PV input current (A)	14 x 2	14	14 x 2	14 x 2	14 x 2
MPPT voltage range (Vdc)	70-550	70-550	70-550	70-550	70-550
Vdc range @ full power (Vdc)	110-550	265-550	130-550	145-550	180-550
AC Grid (output)					
Normal AC Voltage (VAC)	L/N/PE, 230Vac				
Frequency (Hz)	50				
Normal AC Current (A)	13.1	15.7	15.7	17.4	21.8
Max. cont. output current (A)	15	17.5	17.5	20	24
Normal Power (W)	3000	3600	3600	4000	5000
Rated Apparent Power (VA)	3000	3600	3600	4000	5000
Max. cont. Power (W)	3000	3600	3600	4000	5000
Max. cont. Apparent Power (VA)	3000	3600	3600	4000	5000
Power factor(adjustable)	1.0(-0.8~ +0.8)				
Others					
Protective class	Class I				
Ingress protection (IP)	IP65				
Temperature (°C)	-25°C to +60°C (Derating 45°C)				
Inverter Isolation	Non-isolated				
Overvoltage category	OVC III (AC Main), OVC II (PV)				
Software version	V06				

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240050

Ratings & Principal Characteristics:

Specifications table					
Model	SW6KTL-EU	SW7KTL-EU	SW8KTL-EU	SW9KTL-EU	SW10KTL-EU
PV input					
P _{pv} Max(W)	8400	9800	11200	12600	14000
V _{max} PV (Vdc) (absolute Max.)	600	600	600	600	600
I _{sc} PV (absolute Max.) (A)	18 x 2	18+35	18+35	35 x 2	35 x 2
Number MPP trackers	2	2	2	2	2
Number input strings	1/1	1/2	1/2	2/2	2/2
Max. PV input current (A)	14 x 2	14+26	14+26	26 x 2	26 x 2
MPPT voltage range (Vdc)	70-550	70-550	70-550	70-550	70-550
Vdc range @ full power (Vdc)	220-550	220-550	220-550	220-550	220-550
AC Grid (output)					
Normal AC Voltage (VAC)	L/N/PE, 230Vac				
Frequency (Hz)	50				
Normal AC Current (A)	26.1	30.5	34.8	39.2	43.5
Max. cont. output current (A)	28.7	33.6	38.3	45	50
Normal Power (W)	6000	7000	8000	9000	10000
Rated Apparent Power (VA)	6000	7000	8000	9000	10000
Max. cont. Power (W)	6000	7000	8000	9000	10000
Max. cont. Apparent Power (VA)	6000	7000	8000	9000	10000
Power factor(adjustable)	1.0(-0.8~ +0.8)				
Others					
Protective class	Class I				
Ingress protection (IP)	IP65				
Temperature (°C)	-25°C to +60°C (Derating 45°C)				
Inverter Isolation	Non-isolated				
Oversvoltage category	OVC III (AC Main), OVC II (PV)				
Software version	V06				

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