


Certificate of Conformity

Certificate Number: CN-PVES-240054

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:	AC coupled inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	SW*LP1EU0 (* =1K,1.5K,2K,2.5K,3K,3.6K,4K,4.6K,5K,5.5K,6K)
Brand Name<s>:	 SUNWAYTECH
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>:	2401B0686SHA-002

Additional information in Appendix.

Signature



Certification Manager: Qiao Qiao

Date: 21 February 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240054

Ratings & Principal Characteristics:

Specifications table				
Model	SW1KLP1EU0	SW1.5KLP1E U0	SW2KLP1EU0	SW2.5KLP1E U0
Battery (charge/discharge)				
Battery type	Li-ion / lead acid etc.			
Battery Nominal Voltage (V)	51.2			
Battery Voltage Range (V)	40-60			
Max. Charge/Discharge Current (A)	25	40	50	63
Max. Charge/Discharge Power (W)	1000	1500	2000	2500
AC Grid (input and output)				
Nominal Voltage (V)	L/N/PE, 230Vac			
Nominal Frequency (Hz)	50			
Max. con Current (A)	5	7	10	12
Nominal Power (W)	1000	1500	2000	2500
Max. Power (W)	1000	1500	2000	2500
Max. apparent Power (VA)	1000	1500	2000	2500
Power Factor	1(-0.8~+0.8 adjustable)			
AC Load output				
Nominal Output Voltage (V)	L/N/PE, 230Vac			
Nominal Frequency (Hz)	50			
Max. cont. current (A)	5	7	10	12
Nominal Output Power(W)	1000	1500	2000	2500
Max. Output Power (W)	1000	1500	2000	2500
Max. apparent Power (VA)	1000	1500	2000	2500
Power Factor	1			
Others				
Ingress protection (IP)	IP65			
Temperature (°C)	-25°C to +60°C (Derating 45°C)			
Inverter Isolation	Non-isolated (AC-BAT)			
Firmware version	1.01			

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Ratings & Principal Characteristics:

Specifications table				
Model	SW3KLP1EU 0	SW3.6KLP1E U0	SW4KLP1EU 0	SW4.6KLP1E U0
Battery (charge/discharge)				
Battery type	Li-ion / lead acid etc.			
Battery Nominal Voltage (V)	51.2			
Battery Voltage Range (V)	40-60			
Max. Charge/Discharge Current (A)	80	80	120	120
Max. Charge/Discharge Power (W)	3000	3600	4000	4600
AC Grid (input and output)				
Nominal Voltage (V)	L/N/PE, 230Vac			
Nominal Frequency (Hz)	50			
Max. con Current (A)	14	17	19	22
Nominal Power (W)	3000	3600	4000	4600
Max. Power (W)	3000	3600	4000	4600
Max. apparent Power (VA)	3000	3600	4000	4600
Power Factor	1(-0.8~+0.8 adjustable)			
AC Load output				
Nominal Output Voltage (V)	L/N/PE, 230Vac			
Nominal Frequency (Hz)	50			
Max. cont. current (A)	14	17	19	22
Nominal Output Power(W)	3000	3600	4000	4600
Max. Output Power (W)	3000	3600	4000	4600
Max. apparent Power (VA)	3000	3600	4000	4600
Power Factor	1			
Others				
Ingress protection (IP)	IP65			
Temperature (°C)	-25°C to +60°C (Derating 45°C)			
Inverter Isolation	Non-isolated (AC-BAT)			
Firmware version	1.01			

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Ratings & Principal Characteristics:

Specifications table				
Model	SW5KLP1EU 0	SW5.5KLP1E U0	SW6KLP1EU 0	
Battery (charge/discharge)				
Battery type	Li-ion / lead acid etc.			
Battery Nominal Voltage (V)	51.2			
Battery Voltage Range (V)	40-60			
Max. Charge/Discharge Current (A)	120	120	120	
Max. Charge/Discharge Power (W)	5000	5500	6000	
AC Grid (input and output)				
Nominal Voltage (V)	L/N/PE, 230Vac			
Nominal Frequency (Hz)	50			
Max. con Current (A)	23	26	28	
Nominal Power (W)	5000	5500	6000	
Max. Power (W)	5000	5500	6000	
Max. apparent Power (VA)	5000	5500	6000	
Power Factor	1(-0.8~+0.8 adjustable)			
AC Load output				
Nominal Output Voltage (V)	L/N/PE, 230Vac			
Nominal Frequency (Hz)	50			
Max. cont. current (A)	23	26	28	
Nominal Output Power(W)	5000	5500	6000	
Max. Output Power (W)	5000	5500	6000	
Max. apparent Power (VA)	5000	5500	6000	
Power Factor	1			
Others				
Ingress protection (IP)	IP65			
Temperature (°C)	-25°C to +60°C (Derating 45°C)			
Inverter Isolation	Non-isolated (AC-BAT)			
Firmware version	1.01			

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