Certificate of Conformity

Certificate Number: CN-PVES-250335

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

Applicant:	Solenso electronic materials Co.,LTD. 4F., No. 56, Zili 5th St.,Zhongli Dist., Taoyuan City 320, Taiwan, China
Product:	AC coupled inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	Sowave-SL1; Sowave-SL1.5; Sowave-SL2; Sowave-SL2.5; Sowave-SL3; Sowave-SL3.6; Sowave-SL4; Sowave-SL4.6; Sowave-SL5; Sowave-SL5.5; Sowave-SL6
Brand Name<s>:	Solenso
Product Complies with:	C10/11: ed.2.3, 17 OCT 2024
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2nd 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>:	250700261SHA-001

Additional information in Appendix.

Signature

Certification Manager: Qiao Qiao
Date: 22 August 2025

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250335

Ratings & Principle Characteristics:

Specifications table				
Model	Sowave-SL1	Sowave-SL1.5	Sowave-SL2	Sowave-SL2.5
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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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250335

Specifications table				
Model	Sowave-SL3	Sowave-SL3.6	Sowave-SL4	Sowave-SL4.6
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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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-250335

Specifications table				
Model	Sowave-SL5	Sowave-SL5.5	Sowave-SL6	
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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