

# Certificate of Conformity

Certificate Number: CN-PV-220214R1

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.

<b>Applicant:</b>	Afore New Energy Technology (Shanghai) Co., Ltd. Building 7, No.333 Wanfang Rd, Minhang District, Shanghai. China.201112
<b>Product:</b>	AC coupled inverter
<b>Ratings &amp; Principle Characteristics:</b>	See appendix of Certificate of Conformity
<b>Model:</b>	AF1K-SL-0, AF1.5K-SL-0, AF2K-SL-0, AF2.5K-SL-0, AF3K-SL-0, AF3.6K-SL-0, AF4K-SL-0, AF4.6K-SL-0, AF5K-SL-0, AF5.5K-SL-0, AF6K-SL-0
<b>Brand Name&lt;s&gt;:</b>	Afore
<b>Product Complies with:</b>	EN 50549-1:2019 Requirements for the connection of generation equipment in parallel with public distribution networks.
<b>Certificate Issuing Office Name &amp; Address:</b>	Intertek Testing Services Ltd. Shanghai West Area, 2 <sup>nd</sup> 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
<b>Test Report No.&lt;s&gt;:</b>	220900591SHA-002: 2022-09-23 220900591SHA-002 Amendment 1: 2023-11-08

Additional information in Appendix.

Replaces certificate CN-PV-220214 dated 29 September 2022

Signature



Certification Manager: Qiao Qiao

Date: 15 November 2023



PRD N° 306B

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PV-220214R1

### Ratings & Principle Characteristics:

Specifications table				
Model	AF1K-SL-0	AF1.5K-SL-0	AF2K-SL-0	AF2.5K-SL-0
<b>Battery (charge/discharge)</b>				
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
<b>AC Grid (input and output)</b>				
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)			
<b>AC Load output</b>				
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			
<b>Others</b>				
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-PV-220214R1

### Ratings & Principle Characteristics:

Specifications table				
Model	AF3K-SL-0	AF3.6K-SL-0	AF4K-SL-0	AF4.6K-SL-0
<b>Battery (charge/discharge)</b>				
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
<b>AC Grid (input and output)</b>				
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)			
<b>AC Load output</b>				
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			
<b>Others</b>				
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-PV-220214R1

### Ratings & Principle Characteristics:

Specifications table				
Model	AF5K-SL-0	AF5.5K-SL-0	AF6K-SL-0	
<b>Battery (charge/discharge)</b>				
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	
<b>AC Grid (input and output)</b>				
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)			
<b>AC Load output</b>				
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			
<b>Others</b>				
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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