

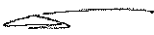
Test Verification of Conformity

Verification Number:190800878SHA-V1

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. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	Afore New Energy Technology(Shanghai)Co., Ltd. 1st &2nd Floor, B Building, Business Building, No.2 Building, No.1588, Lianhang road, Minhang District, Shanghai, China 201112
Manufacturing site Name & Address:	Same as applicant
Product Description:	PV Grid interconnected inverter
Ratings & Principle Characteristics:	See Appendix (Specifications table)
Models/Type References:	BNT036KTL, BNT040KTL, BNT050KTL, BNT060KTL
Brand Name<s>:	Afore
Specification<s>/Standard<s>:	IEC 62116 :2014+ IEC 61727:2004+ IEC 61683:1999 IEC 60068-2-1: 2007 Test A: Cold IEC 60068-2-2: 2007 Test B: Dry heat IEC 60068-2-14:2009 Test N: Change of temperature IEC60068-2-30: 2005 Test Db: Damp heat, cyclic (12+12h cycle)
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Test Report Number<s>:	190800878SHA-001/002/003/004

Additional information in Appendix.

Signature 

Name: Jonny Jing

Position: Manager

Date: 2019-08-12

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190800878SHA-V1

Specifications table				
Model	BNT036KTL	BNT040KTL	BNT050KTL	BNT060KTL
Input:				
Vmax PV (Vdc)	1000	1000	1000	1000
Isc PV (absolute Max.) (A)	45/45	50/50	45/45/45	50/50/50
Number MPP trackers	2	2	3	3
Number input strings	2	2	3	3
Max. PV input current(A)	36/36	40/40	36/36/36	40/40/40
MPPT voltage range (Vdc)	250-950	250-950	250-950	250-950
Vdc range @ full power (Vdc)	500-950	500-950	500-950	500-950
Output				
Normal Voltage(V)	<input type="checkbox"/> 1/N/PE 230Vac <input checked="" type="checkbox"/> 3 φ /N/PE 230/400Vac			
Frequency (Hz)	<input checked="" type="checkbox"/> 50 Hz <input type="checkbox"/> 60Hz			
Current (normal) (A)	52	58	75	87
Current (Max. continuous) (A)	54	60	80	95
Power rating (W)	36000	40000	40000	60000
Power Rating (VA)	36000	40000	40000	60000
Power factor /rated	0.99	0.99	0.99	0.99
others				
Protective class	Class I			
Ingress protection (IP)	IP 65			
Temperature (°C)	-25°C to +60°C (up 45°C derating)			
Inverter Isolation	<input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated			
Overtoltage category	OVC III (AC Main), OVC II (PV)			
Weight (kg)	46/46/66/68			
Dimensions (WxHxD) (mm)	630*850*306			

Signature 

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