


Test Verification of Conformity

Verification Number:190400748SHA-V2

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:	Shandong Aotai Electric Co., Ltd. 282 BoleAve High-tech Development Zone, Jinan, Shandong 250101 P. R. China
Manufacturing site Name & Address:	Shandong Aotai Electric Co., Ltd. 677 ChunYi Road, SunCun Area, High-tech Zone, Jinan, Shandong 250101 P.R. China
Product Description:	PV Grid interconnected inverter
Ratings & Principle Characteristics:	See Appendix(Specifications table)
Models/Type References:	See Appendix(Specifications table)
Brand Name<s>:	 AOTAI
Specification<s>/Standard<s>:	IEC 61727:2004
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Test Report Number<s>:	190400748SHA-002

Additional information in Appendix.


Signature

Name: Jonny Jing

Position: Manager

Date: 2019-05-28

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 190400748SHA-V2

Specifications table					
Model	ASP-4KTLC	ASP-5KTLC	ASP-6KTLC	ASP-8KTLC	ASP-10KTLC
Input:					
Vmax PV (Vdc)	1000V	1000V	1000V	1000V	1000V
Isc PV (absolute Max.) (A)	2*15A	2*15A	2*15A	2*15A	2*15A
Number MPP trackers	2	2	2	2	2
Number input strings	2/2	2/2	2/2	2/2	2/2
Max. PV input current(A)	2*11A	2*11A	2*11A	2*11A	2*11A
MPPT voltage range (Vdc)	250-950	250-950	250-950	250-950	250-950
Vdc range @ full power (Vdc)	250-850	250-850	280-850	365-850	455-850
Output					
Normal Voltage(V)	<input type="checkbox"/> 1 ϕ N/PE 230Vac <input checked="" type="checkbox"/> 3 ϕ N/PE 400Vac				
Frequency(Hz)	<input checked="" type="checkbox"/> 50 Hz <input type="checkbox"/> 60Hz				
Current (Max. continuous) (A)	6.6A	8.8A	10A	13.3A	16.5A
Power rating (kW)	4.4 kW	5.5kW	6.6 kW	8.8 kW	11 kW
Power Rating(VA)	4.4 kVA	5.5kVA	6.6 kVA	8.8 kVA	11 kVA
Power factor /(default)	1 default (0.8Leading-0.8Lagging)				
others					
Protective class	Class I				
Ingress protection (IP)	IP 65				
Temperature(°C)	-20°C to +60°C (up 45°C derating)				
Inverter Isolation	<input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated				
Overvoltage category	OVC III (AC Main), OVC II (PV)				
Weight (kg)	25				

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Specifications table				
Model	ASP-12KTLC	ASP-15KTLC	ASP-17KTLC	ASP-20KTLC
Input:				
Vmax PV (Vdc)	1000V	1000V	1000V	1000V
Isc PV (absolute Max.) (A)	30A/15A	30A/15A	2*30A	2*30A
Number MPP trackers	2	2	2	2
Number input strings	2/2	2/2	2/2	2/2
Max. PV input current(A)	22A/11A	22A/11A	2*22A	2*22A
MPPT voltage range (Vdc)	250-950	250-950	250-950	250-950
Vdc range @ full power (Vdc)	365-850	455-850	386-850	455-850
Output				
Normal Voltage(V)	<input type="checkbox"/> 1 ϕ N/PE 230Vac <input checked="" type="checkbox"/> 3 ϕ N/PE 400Vac			
Frequency (Hz)	<input checked="" type="checkbox"/> 50 Hz <input type="checkbox"/> 60Hz			
Current (Max. continuous) (A)	20A	24A	27.5A	32A
Power rating (kW)	13.2 kW	16.5kW	18.7 kW	22 kW
Power Rating (VA)	13.2 kVA	16.5 kVA	18.7 kVA	22 kVA
Power factor /(default)	1 default (0.8Leading-0.8Lagging)			
others				
Protective class	Class I			
Ingress protection (IP)	IP 65			
Temperature (°C)	-20°C to +60°C (up 45°C derating)			
Inverter Isolation	<input checked="" type="checkbox"/> Non-isolated <input type="checkbox"/> High frequency isolated			
Overvoltage category	OVC III (AC Main), OVC II (PV)			
Weight (kg)	25			



Signature

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