

Test Verification of Conformity

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 specifications at the time the tests were carried out.

Applicant Name & Address : Omnik New Energy Co., Ltd.
No.63 Weixin Road, SIP, Suzhou 215122,China

Manufacturing site Name & Address : Same as Applicant

Product(s) Tested : PV Grid interconnected Micro inverter

Ratings and principal characteristics : See Annex

Model(s) : Intisol-SMP300, Intisol-SMP600

Brand name : 

Relevant Standard(s) / Specification(s) : VDE-AR-N 4105: 2011-08
with additional consideration of Draft DIN V VDE V 0124-100

Verification Issuing Office Name & Address : Intertek Testing Services Shanghai
Building No.86, 1198 Qinzhou Road (North), Shanghai 200233,
China

Verification Number : 171201272SHA-V2

Report Number(s) : 171201272SHA-002

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Signature
Name: Jonny Jing
Position: Manager
Date: 2018-04-16



Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):

171201272SHA-V2/ 171201272SHA-002.The issuing office is Intertek Testing Services Shanghai (Address: Building No.86, 1198 Qinzhou Road (North), Caohejing Development Zone, Shanghai 200233, China).

Rating table		
Model	Intisol-SMP300	Intisol-SMP600
Input:		
Vmax PV (Vdc)	50VDC	50VDC
Isc PV (absolute Max.) (A)	15	15
Number MPP trackers	1	2
Number input strings	1	2
Max. input current(A)	9.5A	9.5A/9.5A
Mppt Voltage range (Vdc)	24-45	24-45
Vdc range @ full power (Vdc)	28-45	28-45
Output		
Normal Voltage(VAC)	<input checked="" type="checkbox"/> 1/N/PE 230Vac <input type="checkbox"/> 3/PE 480Vac	
Frequency(Hz)	<input checked="" type="checkbox"/> 50 Hz <input type="checkbox"/> 60Hz	
Current (Max. continuous) (A)	1.19 ✓	2.39
Power rating (W)	250	500
Power (Max. continuous) (W)	270	550
Power factor /rated(default)	>0.99	>0.99
Max. unit per branch	16	8
others		
Max. system capacity	3.68KVA	
Ingress protection (IP)	IP 67	
Protective class	Class I	
Temperature(°C)	-40°C to +65°C	
Inverter Isolation	<input type="checkbox"/> Non-isolated <input checked="" type="checkbox"/> High frequency isolated	
Weight	1.89kg	2.35kg

NOTE: This annex is part of the Test Verification of Conformity and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Signature

Name: Jonny Jing
Position: Manager
Date: 2018-04-16

