

Test Verification of Conformity

On the basis of the referenced test report(s), sample(s) of the below product have been found to comply with the harmonized standards and Directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product.

Once all product relevant  mark directives are verified in compliance, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to product identical to the test sample(s) if the product complies with all relevant CE mark Directives requirements.


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 for detail

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

Brand name : 

Relevant Standard(s) / Specification(s) / Directive(s) : IEC/EN 62109-2:2011 in conjunction with IEC/EN 62109-1:2010 (First Edition)
the Low Voltage Directive 2014/35/EU

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

Verification Number : 180401718SHA-V1

Report Number(s) : 180401718SHA-001

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

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Signature
Name: Jonny Jing
Position: Manager
Date: 2018-04-19

Annex to Test Verification of Conformity

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

180401718SHA-V1/180401718SHA-001. The issuing office is Intertek Testing Services Shanghai

(Address: Building No.86, 1198 Qinzhou Road (North), Caohejing Development Zone, Shanghai 200233, China).

Model	Rating table	
	Omniksol-SMP300	Omniksol-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)	26-45	26-45
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	
Operating area:	Closed electrical operating area	
Weight	1.89kg	2.35kg

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

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