

## 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)** : 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

**Verification Number** : 171201274SHA-V1

**Report Number(s)** : 171201274SHA-001-001/002/003/004

**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: 2017-12-29**



## Annex to Test Verification of Conformity

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

171201274SHA-V1/ 171201274SHA-001/002/003/004. 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
<b>Input:</b>		
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
Mpvt Voltage range (Vdc)	24-45	24-45
Vdc range @ full power (Vdc)	26-45	26-45
<b>Output</b>		
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
<b>others</b>		
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.**

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Signature

Name: Jonny Jing

Position: Manager

Date: 2017-12-29

