


## 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** : Altenergy Power System Inc.  
 No.1, Yatai Road, Jiaxing 314050 P.R. China

**Manufacturing site Name & Address** : Same as applicant

**Product(s) Tested** : Grid-connected Microinverter

**Ratings and principal characteristics** : See Annex for detail

**Model(s)** : YC500I

**Brand name** : APsystems


**Relevant Standard(s) / Specification(s) / Directive(s)** : IEC/EN 62109-2:2011 in conjunction with IEC/EN 62109-1:2010  
 2014/35/EU

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

**Verification Number** : 160403308SHA-V1  
**Report Number(s)** 160403308SHA-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: 2016-09-07


## Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):  
 160403308SHA-V1/160403308SHA-001. 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	YC500I		
<b>Input:</b>			
Vmax PV (absolute maximum) (Vdc)	55		
Isc PV (absolute maximum) ( A)	10.5		
Number MPP trackers	2		
Number input strings	2		
Maximum PV input current( A)/ MPPT	10.5/10.5		
MPPT voltage range (Vdc)	22-45		
MPPT voltage range @ full power (Vdc)	26-45		
<b>Output</b>			
Normal Voltage(V)	230( 1/N/ PE)		
Frequency (nominal or range) (Hz)	50		
Current-rating ( A)	2.17		
Power- maximum continuous (W)	500W		
Power factor /rated	>0.99		
<b>others</b>			
Protective class	Class I		
Ingress protection (IP)	IP 67		
Inverter Isolation	High frequency-isolated		

**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: 2016-09-07