

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.

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

Model(s) : YC500I

Brand name : APsystems

Relevant Standard(s) / Specification(s) / Directive(s) : DIN V VDE V 0126-1-1: 2013

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

Verification Number : 160500726SHA-V2

Report Number(s) : 160500726SHA-002

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: 2016-09-17


Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with Verification/Report Number(s):
 160500726SHA-V2/160500726SHA-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	YC500I			
Input:				
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			
Output				
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			
others				
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