

CERTIFICATE

of conformity with the following European Directives
Low Voltage Directive 2014/35/EU

This certifies that below described products of the applicant:

NINGBO AUSTA SOLAR TECH CO., LTD.

1-1, NO.136, Haichuan Road, Jiangbei District, Ningbo, Zhejiang,
P.R.China

comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product(s): Hybrid Inverter

Model type(s): AU5KETL, AU6KETL, AU7KETL, AU8KETL, AU10KETL, AU12KETL

This certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.

Certification program: P31-VA-01 Rev. 02 / 04.20
Certification fundamental(s): EN 62109-1:2010; EN 62109-2:2011
Registered no.: 44 799 24 406749 - 029
Report no.: 492012950.001
File no.: PVP11014/23B-01

TÜV NORD CERT GmbH
Certification Body
Energy Storage System



Essen, 2024-01-22

TÜV NORD CERT GmbH

Am TÜV 1, D-45307 Essen

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Please also pay attention to the information stated overleaf.

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Description of product(s):

Model or Type designation	AU5KETL	AU6KETL	AU7KETL	AU8KETL	AU10KETL	AU12KETL
PV input parameters:						
V _{MAX} PV [Vd.c.]	1000					
MPP Voltage Range [Vd.c.]	200~800					
Max. PV Input Current [Ad.c.]	18			18/18	36/18	36/18
DC Short-circuit current [Ad.c.]	22.5			22.5/22.5	45/22.5	45/22.5
Battery parameters:						
Battery Type	Li-ion/Lead-acid					
Voltage range	40-60V					
Max. Charge/Discharge Current [Ad.c.]	120	125	150	190	210	250
AC output (off grid) parameters:						
Rated Output Voltage [Va.c.]	3W/N/PE, 230/400					



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Rated Output Frequency [Hz].....:	50/60					
Max. Output Power [kW].....:	5.0	6.0	7.0	8.0	10.0	12.0
Max. Output Current [Aa.c.].....:	8.3	10.0	11.6	13.3	16.7	20.0
AC input/output (Grid Side) parameters:						
Rated Output Voltage [Va.c.].....:	3W/N/PE, 230/400					
Rated Output Frequency [Hz].....:	50/60					
Max. Output Power [kW].....:	5.0	6.0	7.0	8.0	10.0	12.0
Max. Output Current [Aa.c.].....:	8.3	10.0	11.6	13.3	16.7	20.0
Power Factor cosφ [λ].....:	0.8 leading – 0.8 lagging					
Others:						
Protective class.....:	Class I					
Inverter topology.....:	Non-isolated					



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Operation temperature range.....:	-25~60°C
Ingress protection.....:	IP66
Overvoltage-category.....:	OVC III (AC Main), OVC II (DC)
Firmware.....:	CPU1: V1.0 CPU2:V1.0

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 3 of test report.

