



Product Service

Attestation of Conformity

No. T8A 096640 0030 Rev. 00

Holder of Attestation: **AXITEC Energy GmbH & Co. KG**

Otto-Lilienthal-Straße 5
71034 Böblingen
GERMANY

Product: **Converter
Hybrid Inverter**

This Attestation of Conformity is issued on a voluntary basis in support of the Conformity Assessment Module A of Radio Equipment Directive 2014/53/EU. On the basis of the referenced test reports, the samples of the listed product were found to comply with the essential requirements of the above mentioned directive as implemented in the standards used valid at the time the tests were carried out. For the requirements of the Article(s) 3(2) and 3(3) only harmonized standards valid at the moment of issuing were used. The used standards cover the essential requirements of the Radio Equipment Directive as applicable to this product. The manufacturer must ensure compliance of the manufactured products with the technical documentation and other requirements of the Radio Equipment Directive that apply to them. National legal requirements have to be considered before bringing the product to the market. For details see: www.tuvsud.com/ps-cert

Test report no.: 4812824017700

Date, 2024-09-30



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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): AXIhycon 12H, AXIhycon 15H,
AXIhycon 20H, AXIhycon 20H-YD

Parameters:
Test report No.: 4812824017700A (EN IEC 61000-6-1,
EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 61000-6-4,
EN 55011, EN 62920)
4812824017700B (EN 301 489-1, Draft EN 301 489-17)
4812824017700C (EN 300 328, EN 50663)
701262413603-00 (EN 62109-1, EN 62109-2)

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Model	AXIhycon 12H	AXIhycon 15H	AXIhycon 20H, AXIhycon 20H- YD
PV-Input			
Max. input voltage d.c.	1000 V		
Mppt voltage range d.c.	200-850 V		
Max. input current d.c.	4x20A		
Isc PV (absolute maximum) d.c.	4x30 A		
Battery			
Battery type	Li-ion		
Battery Voltage range d.c.	120-800V		
Max. Charge/discharge current d.c.	50A /50A	50A /50A	50A /50A
AC-Output (Back-up)			
Max. /Rated output power a.c.	12000W	15000W	20000W
Nominal output voltage a.c.	3/N/PE, 220/ 380 V, 3/N/PE, 230/ 400 V		
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
AC-Output (Grid side)			
Max. /Rated apparent output power a.c.	12000 VA	15000 VA	20000 VA
Nominal output voltage a.c.	3/N/PE, 220/ 380 V, 3/N/PE, 230/ 400 V		
Nominal Frequency	50/60Hz		
Max. /Rated output current a.c.	18.2 A/17.3 A	22.8 A/21.7 A	30.4 A/28.9 A
AC-Input (For grid port and Gen port)			
Nominal voltage a.c.	3/N/PE, 220/ 380 V, 3/N/PE, 230/ 400 V		
Grid max.(rated) continuous current	27.3 A/26.0 A	34.2 A/32.5 A	45.6 A/43.3 A
Nominal Frequency	50/60Hz		
General			
Power factor range	-0.8...1...+ 0.8		
Protective class	I		
Ingress protection	IP66		
Operating temperature Range	-25°C, ..., +60°C		
Max. operation altitude	2000m		

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**Tested
according to:**

EN IEC 61000-6-1:2019
EN IEC 61000-6-2:2019
EN IEC 61000-6-3:2021
EN IEC 61000-6-4:2019
EN 55011:2016/A2:2021
EN 62920:2017/A1:2021
EN 301 489-1 V2.2.3:2019
Draft EN 301 489-17 V3.2.6:2023
EN 300 328 V2.2.2:2019
EN 50663:2017
EN 62109-1:2010
EN 62109-2:2011

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