



Product Service

Attestation of Conformity

No. E8A 005028 0490 Rev. 00

Holder of Attestation: **Anker Innovations Limited**

Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok
Kowloon
HONG KONG

Name of Object: **Converter**
(Hybrid inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64772243006001

Date, 2024-05-31

(Tony Liu)

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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): X1-H5K-T, X1-H8K-T, X1-H10K-T, X1-H12K-T

Description of Object:

Model:	X1-H5K-T	X1-H8K-T	X1-H10K-T	X1-H12K-T
PV input parameters:				
Maximum input power	10 kW	16 kW	20 kW	24 kW
Maximum input voltage	1000 V d.c.			
Rated input voltage	600 V d.c.			
MPPT voltage range	140-950 V d.c.			
MPPT voltage range (full load)	375-850 V d.c.			
Maximum input current	16/16 A d.c.			
Isc PV	20/20 A d.c.			
Battery input/output terminal parameters:				
Battery type	Li-ion			
Rated voltage	400 V d.c.			
Battery voltage range	350-450 V d.c.			
Maximum charging power	5.25 kW	8.4 kW	10.5 kW	12.6 kW
Maximum continuous charging current	15 A d.c.	24 A d.c.	30 A d.c.	36 A d.c.
Rated discharging power	5 kW	8 kW	10 kW	12 kW
Maximum discharging power	5.25 kW	8.4 kW	10.5 kW	12.6 kW
Maximum continuous discharging current	15 A d.c.	24 A d.c.	30 A d.c.	36 A d.c.
Grid input terminal parameters:				
Rated input voltage	220/380 Va.c., 230/400 Va.c., 3L+N+PE			
Maximum input active power	10 kW	16 kW	20 kW	20 kW
Maximum input apparent power	10 kVA	16 kVA	20 kVA	20 kVA
Rated continuous input current	7.2 A a.c.	11.6 A a.c.	14.5 A a.c.	17.4 A a.c.
Maximum continuous input current	15.2 A a.c.	24.2 A a.c.	30.3 A a.c.	30.3 A a.c.
Rated input frequency	50/60 Hz			
Grid output rating				
Rated output voltage	220/380 Va.c., 230/400 Va.c., 3L+N+PE			
Rated output frequency	50/60 Hz			
Maximum continuous output current	8.4 A a.c.	13.3 A a.c.	16.7 A a.c.	20 A a.c.
Rated output active power	5 kW	8 kW	10 kW	12 kW

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Rated output apparent power	5 kVA	8 kVA	10 kVA	12 kVA
Maximum continuous output active power	5 kW	8 kW	10 kW	12 kW
Maximum continuous output apparent power	5.5 kVA	8.8 kVA	11 kVA	13.2 kVA
Power factor	0.8 inductive - 0.8 capacitive			
Back up output rating				
Rated output voltage	220/380 Va.c., 230/400 Va.c., 3L+N+PE			
Rated output frequency	50/60 Hz			
Maximum continuous output current	7.2 A a.c.	11.6 A a.c.	14.5 A a.c.	17.4 A a.c.
Rated output active power	5 kW	8 kW	10 kW	12 kW
Rated output apparent power	5 kVA	8 kVA	10 kVA	12 kVA
Maximum continuous output active power	5.25 kW	8.4 kW	10.5 kW	12.6 kW
Maximum continuous output apparent power	5.25 kVA	8.4 kVA	10.5 kVA	12.6 kVA
Power factor	0.8 inductive - 0.8 capacitive			
General				
Operating temperature range (°C)	-25~60 °C			
Protective class	I			
Ingress protection	IP66			

**Tested
according to:**

EN IEC 61000-6-1:2019
EN IEC 61000-6-3:2021
EN 62920:2017/A1:2021

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