ATTESTATION ◆ ATTESTATO ◆ ATTESTACIÓN ◆ BESCHEINIGUNG ◆ ATTESTATION

Product Service

Attestation of Conformity

No. N8A 005028 0492 Rev. 00

Holder of Attestation: **Anker Innovations Limited**
Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok
Kowloon
HONG KONG

Product: **Converter**
(Hybrid inverter)

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment 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.: 64290243005901

Date, 2024-06-10

(Billy Qiu)

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.

TÜV SÜD Product Service GmbH • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): **X1-H5K-T, X1-H8K-T, X1-H10K-T, X1-H12K-T**

Parameters:

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

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

Tested according to:

EN 62109-1:2010
EN 62109-2:2011

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