



Product Service

Compliance Document

No. D 127148 0022 Rev. 01

Holder of Certificate: **Anker Innovations Limited**

Unit 56, 8th Floor, Tower 2
Admiralty Centre, 18 Harcourt Road
Central and Western District
HONG KONG

Product: **Converter
(Hybrid Inverter)**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290243097102

Date, 2025-07-24

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

Parameters:

Model	X1-H5K-T	X1-H8K-T	X1-H10K-T	X1-H12K-T	X1-H10K-T BE
PV terminal parameters					
Maximum PV voltage [V _{DC}]	1000				
Rated voltage [V _{DC}]	600				
MPPT voltage range [V _{DC}]	140-950				
MPPT voltage range (full load) [V _{DC}]	375-850				
Maximum input current [A _{DC}]	16/16				
Isc PV [A _{DC}]	20/20				
MPPT tracker number	2				
Maximum input power [W]	10000	16000	20000	24000	20000
Battery input/output parameters					
Battery type	Li-ion				
Maximum voltage [V _{DC}]	450				
Battery rated voltage [V _{DC}]	400				
Battery voltage range [V _{DC}]	350-450				
Maximum charge power [W]	5250	8400	10500	12600	10500
Maximum discharge power [W]	5250	8400	10500	12600	10500
Maximum charge current [A _{DC}]	15	24	30	36	30
Maximum discharge current [A _{DC}]	15	24	30	36	30
Maximum charge power from grid to battery [W]	5000	8000	10000	12000	10000
Grid input terminal parameters					
Rated input voltage [V _{AC}]	3P+N+PE, 230/400				
Rated input frequency [Hz]	50				
Maximum continuous input current from grid to battery [A _{AC}]	7.8	12.4	15.5	18.6	15.5
Maximum continuous input current [A _{AC}]	15.2	24.3	30.3	30.3	30.3
Maximum continuous input power from grid to battery [W]	5000	8000	10000	12000	10000



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Maximum continuous input active power [W]	10000	16000	20000	20000	20000
Maximum continuous input apparent power [VA]	10000	16000	20000	20000	20000
Grid output terminal parameters					
Rated output voltage [V _{AC}]	3P+N+PE, 230/400				
Rated output frequency [Hz]	50				
Rated output current [A _{AC}]	7.2	11.6	14.5	17.4	14.5
Maximum continuous output current [A _{AC}]	8.4	13.3	16.7	20.0	16.7
Rated output active power [W]	5000	8000	10000	12000	10000
Maximum output active power [W]	5000	8000	10000	12000	10000
Maximum output apparent power [VA]	5500	8800	11000	13200	10000
Power factor range	0.8 inductive(under-excited) to 0.8 capacitive(over-excited)				

Tested according to:

C10/11:2021