



Product Service

# Attestation of Conformity

No. N8A 127148 0087 Rev. 02

**Holder of Attestation:** **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 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290243005904

**Date,** 2025-09-04

( Billy Qiu )

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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 input power [kW]                        | 10                        | 16       | 20        | 24        | 20           |
| 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 parameters                 |                           |          |           |           |              |
| Battery type                                    | Li-ion                    |          |           |           |              |
| Rated voltage [V d.c.]                          | 400                       |          |           |           |              |
| Battery voltage range [V d.c.]                  | 350-450                   |          |           |           |              |
| Rated charging and discharging power [kW]       | 5                         | 8        | 10        | 12        | 10           |
| Maximum charging power [kW]                     | 5.25                      | 8.4      | 10.5      | 12.6      | 10.5         |
| Maximum continuous charging current [A d.c.]    | 15                        | 24       | 30        | 36        | 30           |
| Maximum discharging power [kW]                  | 5.25                      | 8.4      | 10.5      | 12.6      | 10.5         |
| Maximum continuous discharging current [A d.c.] | 15                        | 24       | 30        | 36        | 30           |
| Grid terminal input parameters                  |                           |          |           |           |              |
| Rated input voltage [V a.c.]                    | 220/380, 230/400, 3L+N+PE |          |           |           |              |
| Rated input frequency [Hz]                      | 50/60                     |          |           |           |              |
| Maximum continuous input active power [kW]      | 10                        | 16       | 20        | 20        | 20           |
| Maximum continuous input apparent power [kVA]   | 10                        | 16       | 20        | 20        | 20           |
| Rated input current [A a.c.]                    | 7.2                       | 11.6     | 14.5      | 17.4      | 14.5         |
| Maximum continuous input current [A a.c.]       | 15.2                      | 24.3     | 30.3      | 30.3      | 30.3         |

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| Grid terminal output parameters                |                           |      |      |      |      |
|--|---------------------------|------|------|------|------|
| Rated output voltage [V a.c.]                  | 220/380, 230/400, 3L+N+PE |      |      |      |      |
| Rated output frequency [Hz]                    | 50/60                     |      |      |      |      |
| Rated output current [A a.c.]                  | 7.2                       | 11.6 | 14.5 | 17.4 | 14.5 |
| Maximum continuous output current [A a.c.]     | 8.4                       | 13.3 | 16.7 | 20   | 16.7 |
| Rated output active power [kW]                 | 5                         | 8    | 10   | 12   | 10   |
| Rated output apparent power [kVA]              | 5                         | 8    | 10   | 12   | 10   |
| Maximum continuous output active power [kW]    | 5                         | 8    | 10   | 12   | 10   |
| Maximum continuous output apparent power [kVA] | 5.5                       | 8.8  | 11   | 13.2 | 10   |
| Power factor                                   | 0.8 ind - 0.8 cap         |      |      |      |      |
| Backup terminal parameters                     |                           |      |      |      |      |
| Rated output voltage [V a.c.]                  | 220/380, 230/400, 3L+N+PE |      |      |      |      |
| Rated output frequency [Hz]                    | 50/60                     |      |      |      |      |
| Rated output current [A a.c.]                  | 7.2                       | 11.6 | 14.5 | 17.4 | 14.5 |
| Maximum continuous output current [A a.c.]     | 7.2                       | 11.6 | 14.5 | 17.4 | 14.5 |
| Rated output active power [kW]                 | 5                         | 8    | 10   | 12   | 10   |
| Rated output apparent power [kVA]              | 5                         | 8    | 10   | 12   | 10   |
| Maximum continuous output active power [kW]    | 5.25                      | 8.4  | 10.5 | 12.6 | 10.5 |
| Maximum continuous output apparent power [kVA] | 5.25                      | 8.4  | 10.5 | 12.6 | 10.5 |
| Power factor                                   | 0.8 ind - 0.8 cap         |      |      |      |      |
| 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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