

Attestation No.: HS5200-2502140103001-SF-LD

Date of issue: 2025-02-25

Issued To: Midcosta s.r.o.

Applicant Address: Priemyselná 8E, 91701 Trnava Slovakia

Product(s): HYBRID INVERTER

Brand(s): 

Model(s): MID-H4K-T, MID-H5K-T, MID-H6K-T, MID-H8K-T;
MID-H10K-T, MID-H12K-T, MID-H10K-T40, MID-H12K-T40;
MID-H15K-T40; MID-H20K-T40;

Power Characteristics: See **Annex A** on page 2

We, Hwa-Hsing (Dongguan) Testing Co., Ltd.,

Declare that the submitted sample of the above has been tested for CE marking according to following standard(s) of the European Directive:

- **Low Voltage Directive (LVD) 2014/35/EU**

Standards	Report No.
Safety of Power Converter for use in Photovoltaic Power Systems	
- Part 1: General requirements	EN 62109-1:2010; IEC 62109-1:2010; EN 62109-1:2011; IEC 62109-2:2011;
- Part 2: Particular requirements for inverters	2502140103001-SF-LD

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements.
This ATTESTATION does not imply assessment of the production of the product.




Kim Lee
Safety Manager

Model/Type reference	MID-H4K-T ¹⁾ , MID-H5K-T ²⁾ , MID-H6K-T ³⁾ , MID-H8K-T ⁴⁾ , MID-H10K-T ⁵⁾ , MID-H12K-T ⁶⁾ , MID-H10K-T40 ⁷⁾ , MID-H12K-T40 ⁸⁾ , MID-H15K-T40 ⁹⁾ , MID-H20K-T40 ¹⁰⁾
Max. PV input voltage [Vdc]	1000
PV MPPT voltage range [Vdc].....	120-950 ^{1), 2), 3),} 200-950 ^{4), 5), 6), 7), 8), 9), 10)}
Max. PV input current [Adc].....	15/15 ^{1), 2), 3), 4), 5), 6),} 30/30 ^{7), 8), 9), 10)}
Max. PV short-circuit current (Adc) :	20/20 ^{1), 2), 3), 4), 5), 6),} 40/40 ^{7), 8), 9), 10)}
Battery voltage range[Vdc]	135-750
Battery type	Lithium Battery
-Maximum charging current (A)	25 ^{1), 2), 3), 4), 5), 6),} 40 ^{7), 8), 9), 10)}
-Maximum discharge current (A)	25 ^{1), 2), 3), 4), 5), 6),} 40 ^{7), 8), 9), 10)}
Nominal input AC voltage [V]	380/400 (3W + N + PE)
Nominal output AC voltage [V]	380/400 (3W + N + PE)
Max. input AC current [A]	11.6 ¹⁾ /14.5 ²⁾ /17.4 ³⁾ / 23.2 ⁴⁾ / 23.9 ⁵⁾ / 23.9 ⁶⁾ / 29.0 ⁷⁾ / 34.8 ⁸⁾ / 43.5 ⁹⁾ / 43.5 ¹⁰⁾
Max. output AC current [A]	6.7 ¹⁾ / 8.3 ²⁾ / 10.0 ³⁾ / 13.3 ⁴⁾ / 16.5 ⁵⁾ / 20.0 ⁶⁾ / 16.5 ⁷⁾ / 20.0 ⁸⁾ / 25.0 ⁹⁾ / 33.5 ¹⁰⁾
Rated AC output power [kW].....	4 ¹⁾ / 5 ²⁾ / 6 ³⁾ / 8 ⁴⁾ / 10 ⁵⁾ / 12 ⁶⁾ / 10 ⁷⁾ / 12 ⁸⁾ / 15 ⁹⁾ / 20 ¹⁰⁾
Max. apparent AC output power [kVA]	4.4 ¹⁾ / 5.5 ²⁾ / 6.6 ³⁾ / 8.8 ⁴⁾ / 11 ⁵⁾ / 13.2 ⁶⁾ / 11 ⁷⁾ / 13.2 ⁸⁾ / 16.5 ⁹⁾ / 22 ¹⁰⁾
Nominal input frequency [Hz]	50/60
Nominal output frequency [Hz].....	50/60
Firmware version / Software version:	V1.00/V1.00



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