

Attestation No.: HS5200-230712JH03-SF-LD-01-R1

Date of issue: 2023-08-30

Issued To: Wuxi Solinteg Power Co., Ltd.

Applicant Address: Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135Wuxi, Jiangsu Province, China

Product(s): HYBRID SOLAR INVERTER

Brand(s): **SOLINTEG**Model(s): MHT-4K-25; MHT-5K-25; MHT-6K-25; MHT-8K-25;  
MHT-10K-25; MHT-12K-25; MHT-10K-40; MHT-12K-40;  
MHT-15K-40; MHT-20K-40;

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 | 230712JH03-SF-LD-01 |
| - Part 1: General requirements                                  |                     |
| - Part 2: Particular requirements for inverters                 |                     |

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

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.

Supplementary information: replaced previous Attestation No. HS5200-23072403002-SF-LD-01 due to format update.

*Winter Liu*Winter Liu  
Safety Supervisor

|                                           |                                                                                                                                                                                                                                                                                |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model/Type reference..... :               | MHT-4K-25 <sup>1)</sup> , MHT-5K-25 <sup>2)</sup> , MHT-6K-25 <sup>3)</sup> , MHT-8K-25 <sup>4)</sup> ,<br>MHT-10K-25 <sup>5)</sup> , MHT-12K-25 <sup>6)</sup> , MHT-10K-40 <sup>7)</sup> ,<br>MHT-12K-40 <sup>8)</sup> , MHT-15K-40 <sup>9)</sup> , MHT-20K-40 <sup>10)</sup> |
| Max. PV input voltage [Vdc]..... :        | 1000                                                                                                                                                                                                                                                                           |
| PV MPPT voltage range [Vdc]..... :        | 120-950 <sup>1), 2), 3)</sup> ;<br>200-950 <sup>4), 5), 6), 7), 8), 9), 10)</sup>                                                                                                                                                                                              |
| Max. PV input current [Adc]..... :        | 15/15 <sup>1), 2), 3), 4), 5), 6)</sup> ;<br>30/30 <sup>7), 8), 9), 10)</sup>                                                                                                                                                                                                  |
| Max. PV short-circuit current (Adc) :     | 20/20 <sup>1), 2), 3), 4), 5), 6)</sup> ;<br>40/40 <sup>7), 8), 9), 10)</sup>                                                                                                                                                                                                  |
| Battery voltage range[Vdc] .....          | 135-750                                                                                                                                                                                                                                                                        |
| Battery type..... :                       | Lithium Battery                                                                                                                                                                                                                                                                |
| -Maximum charging current (A) .....       | 25 <sup>1), 2), 3), 4), 5), 6)</sup> ;<br>40 <sup>7), 8), 9), 10)</sup>                                                                                                                                                                                                        |
| -Maximum discharge current (A) .....      | 25 <sup>1), 2), 3), 4), 5), 6)</sup> ;<br>40 <sup>7), 8), 9), 10)</sup>                                                                                                                                                                                                        |
| 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 <sup>1)</sup> /14.5 <sup>2)</sup> /17.4 <sup>3)</sup> / 23.2 <sup>4)</sup> / 23.9 <sup>5)</sup> / 23.9 <sup>6)</sup> / 29.0 <sup>7)</sup> / 34.8 <sup>8)</sup> / 43.5 <sup>9)</sup> / 43.5 <sup>10)</sup>                                                                 |
| Max. output AC current [A] .....          | 6.7 <sup>1)</sup> / 8.3 <sup>2)</sup> / 10.0 <sup>3)</sup> / 13.3 <sup>4)</sup> / 16.5 <sup>5)</sup> / 20.0 <sup>6)</sup> / 16.5 <sup>7)</sup> / 20.0 <sup>8)</sup> / 25.0 <sup>9)</sup> / 33.5 <sup>10)</sup>                                                                 |
| Rated AC output power [kW]..... :         | 4 <sup>1)</sup> / 5 <sup>2)</sup> / 6 <sup>3)</sup> / 8 <sup>4)</sup> / 10 <sup>5)</sup> / 12 <sup>6)</sup> / 10 <sup>7)</sup> / 12 <sup>8)</sup> / 15 <sup>9)</sup> / 20 <sup>10)</sup>                                                                                       |
| Max. apparent AC output power [kVA] ..... | 4.4 <sup>1)</sup> / 5.5 <sup>2)</sup> / 6.6 <sup>3)</sup> / 8.8 <sup>4)</sup> / 11 <sup>5)</sup> / 13.2 <sup>6)</sup> / 11 <sup>7)</sup> / 13.2 <sup>8)</sup> / 16.5 <sup>9)</sup> / 22 <sup>10)</sup>                                                                         |
| Nominal input frequency [Hz]..... :       | 50/60                                                                                                                                                                                                                                                                          |
| Nominal output frequency [Hz] .....       | 50/60                                                                                                                                                                                                                                                                          |
| Firmware version / Software version:      | V1.00/V1.00                                                                                                                                                                                                                                                                    |



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