

# Test Verification of Conformity

Release No.:  
1.0(2022)



**Applicant:** Wuxi Solinteg Power Co., Ltd.  
Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135  
Wuxi, Jiangsu Province, China

**Product:** Hybrid Inverter (PV inverter with DC-coupled battery storage)

**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

**Use in accordance with regulations:**

Three-phase Hybrid Inverter (PV inverter with DC-coupled battery storage) corresponding to grid connection code listed above, with integrated protection relay and disconnection device for the connection to and parallel operation with low-voltage distribution networks.

**Applied standards and guidelines:**

**NRS 097-2-1:2017 Edition 2.1**

Grid interconnection of embedded generation  
Part 2: Small-scale embedded generation  
Section 1: Utility interface

At the time of issue of this verification, a representative test sample of the product named above corresponds to the requirements of the listed test standards for the intended use.

This verification does not imply assessment of the production of the product.

**Report No:** 220422BW002-EG-ZA-001

**Verification No:** 220422BW002-EG-ZA-C001

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Technical Director / New Energy Department

## Supplement to verification no. 220422BW002-EG-ZA-C001

### Technical data of the Power Generating Units

Manufacturer:	<b>Wuxi Solinteg Power Co., Ltd.</b> Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135 Wuxi, Jiangsu Province, China			
Model designation:	<b>MHT-4K-25</b>	<b>MHT-5K-25</b>	<b>MHT-6K-25</b>	<b>MHT-8K-25</b>
Rated output active power (AC) [kW]:	4,0	5,0	6,0	8,0
Max. output apparent power (AC) [kVA]:	4,4	5,5	6,6	8,8
Max. output current (AC) [A]:	6,7	8,3	10,0	13,3
AC nominal voltage [V]:	400, 3/N/PE			
AC nominal frequency [Hz]:	50			
Model designation:	<b>MHT-10K-25</b>		<b>MHT-12K-25</b>	
Rated output active power (AC) [kW]:	10,0		12,0	
Max. output apparent power (AC) [kVA]:	11,0		13,2	
Max. output current (AC) [A]:	16,5		20,0	
AC nominal voltage [V]:	400, 3/N/PE			
AC nominal frequency [Hz]:	50			
Model designation:	<b>MHT-10K-40</b>	<b>MHT-12K-40</b>	<b>MHT-15K-40</b>	<b>MHT-20K-40</b>
Rated output active power (AC) [kW]:	10,0	12,0	15,0	20,0
Max. output apparent power (AC) [kVA]:	11,0	13,2	16,5	22,0
Max. output current (AC) [A]:	16,5	20,0	25,0	33,5
AC nominal voltage [V]:	400, 3/N/PE			
AC nominal frequency [Hz]:	50			
Software version:	V1.00			