

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-4~20K (Product series)
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:

EN 50549-1:2019

Requirements for generating plants to be connected in parallel with distribution networks - Part 1-1: Connection to a LV distribution network - Generating plants up to and including Type B

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-EU-001

Verification No: 220422BW002-EG-EU-C001

Date of issue: 2022-08-15



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Technical Director / New Energy Department

Supplement to verification no. 220422BW002-EG-EU-C001

A.1 Technical data of the Power Generating Units

Manufacturer:	Wuxi Solinteg Power Co., Ltd. Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135 Wuxi, Jiangsu Province, China			
Model designation:	MHT-4K-25	MHT-5K-25	MHT-6K-25	MHT-8K-25
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:	MHT-10K-25		MHT-12K-25	
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:	MHT-10K-40	MHT-12K-40	MHT-15K-40	MHT-20K-40
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			