

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

**Product:** Hybrid Inverter

**Model(s):** **MHT-25K-100, MHT-30K-100, MHT-36K-100, MHT-40K-100,  
MHT-50K-100, MHT-40K-100-P, MHT-50K-100-P**

**Use in accordance with regulations:**

Hybrid solar inverter in accordance with **IEC 61683:1999, IEC 61727:2004** and **IEC 62116:2014** with three-phase parallel coupling to the distribution network. The inverters are tested for grid protection and efficiency, environmental. For detailed information, please watch the corresponding test reports.

**Applied standards and guidelines:**

**IEC 61683:1999**

Photovoltaic systems – Power conditioners – Procedure for measuring efficiency

**IEC 61727:2004**

Photovoltaic (PV) systems – Characteristics of the utility interface

**IEC 62116:2014**

Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures

**IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009,  
IEC 60068-2-30:2005, IEC 60068-2-64:2008**

Environmental testing:

Part 2-1: Tests – Test A: Cold;

Part 2-2: Tests – Test B: Dry heat;

Part 2-14: Tests – Test N: Change of temperature

Part 2-30: Tests – Test Db and guidance: VDamp heat, cyclic (12 + 12-hour cycle)

Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements.

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

**Report No:** **220722BWA075-EG-IC-001, 220722BWA075-EG-IC-002,  
CN23OK9F002, VTL23.09.006E**

**Verification No:** **220722BWA075-EG-IC-V001**

**Date of issue:** **2023-09-13**



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