

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****Jack Shi**

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