

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-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:**

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

This certificate confirms that the above-mentioned generating unit(s) comply with the requirements of the referenced standard(s) / guideline(s) at the time of issuance of the certificate.

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

Report No:**230711BWA137-EG-IC-001, 230711BWA137-EG-IC-002,
220422BW002-EG-IC-001, VTL23.08.012E****Verification No:****230711BWA137-EG-IC-V001****Date of issue:****2023-08-29****Jack Shi**

Sr. Project Manager