

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): MHS-3K-30, MHS-3.6K-30, MHS-4.2K-30, MHS-5K-30,
MHS-6K-30, MHS-8K-30

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: **220722BWA075-EG-IC-004, 220722BWA075-EG-IC-005,
220722BWA075-EG-IC-006, VTL24.01.068E-1**

Verification No: **220722BWA075-EG-IC-V004**

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**Jack Shi**

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