

**Applicant:****Wuxi Solinteg Power Co., Ltd.**

Building H1-1001, No. 6 Jingxian Road, Xinwu District, 214135 Wuxi, Jiangsu Province, China.

**Product:**

PV Inverter

**Model(s):**OGT-5K, OGT-6K, OGT-8K, OGT-10K, OGT-8K-P, OGT-10K-P,  
OGT-12K, OGT-15K, OGT-12K-P, OGT-15K-P, OGT-20K, OGT-25K**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-016, 220722BWA075-EG-IC-017,  
220722BWA075-EG-IC-018, VTL24.01.068E-2****Verification No:****220722BWA075-EG-IC-V016****Date of issue:****2024-03-05****Jack Shi**

Sr. Project Manager