



**BUREAU
VERITAS**

Certificate of compliance

Applicant: Hoymiles Converter Technology Co., Ltd.
No. 18 Kangjing Road, HangZhou,
Zhejiang Province
China

Product: Grid-tied photovoltaic inverter
Model: MI-500 with MI-230 (M-Gate) (Safety Box)
MI-600 with MI-230 (M-Gate) (Safety Box)
MI-700 with MI-230 (M-Gate) (Safety Box)

Applied rules and standards:

At the time of issue of this certificate the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

IEC 62109-1:2010-04 Ed.1.0; EN 62109-1:2011; DIN EN 62109-1:2011; MSZ EN 62109-1:2011
Safety of power converters for use in photovoltaic power systems - Part 1: General requirements

IEC 62109-2:2011-06 Ed.1.0; EN 62109-2:2011; DIN EN 62109-2:2012; MSZ EN 62109-2:2012
Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

IEC 61727:2004, MSZ EN 61727:1998
Photovoltaic (PV) systems – Characteristics of the utility interface

IEC 62116:2008
Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

VDE-AR-N 4105:2011-08 – Power generation systems connected to the low-voltage distribution network
Technical minimum requirements for the connection to and parallel operation with low-voltage distribution networks.

DIN VDE V 0124-100 (VDE V 0124-100): 2012-07 – Grid integration of power generation systems – low voltage

Grid integration of generator plants - Low-voltage - Test requirements for generator units to be connected to and operated in parallel with low-voltage distribution networks (Functional safety; voltage, frequency and DC-current monitoring; anti-islanding detection)

Report number: ZEM-17MA0688FTSP-1
ZEM-17MA0688FTSP-2
BMH-17JY0135FTSP-61727
BMH-17JY0135FTSP-0124

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Certification body



Holger Schaffer

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN ISO/IEC 17065

