



**BUREAU  
VERITAS**

# Certificate of compliance

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

**Product:** Photovoltaic (PV) inverter

**Model:** MI-500  
MI-600  
MI-700

## Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with NRS 097-2-1:2017 for photovoltaic systems with a single-phase parallel coupling via an inverter in the public mains supply. The automatic disconnection device is an integral part of the aforementioned inverters.

## Applied rules and standards:

### **NRS 097-2-1:2017 ed2.0**

Grid interconnection of embedded generation, Part 2: Small-scale embedded generation, Section 1: Utility interface

Comply with:

Category A1: 0 – 13,8 kVA

Category A2: 13,8 kVA – 100 kVA

### **IEC 61727:2004 ed2.0**

Photovoltaic (PV) systems – Characteristics of the utility interface

### **IEC 62116:2008 ed1.0**

Test procedure of islanding prevention measures for utility-interconnected photovoltaic inverters

### **VDE AR-N 4105:2011-08 (A.6 General requirements)**

Power generation systems connected to the low-voltage distribution network

Note:

The inverter are tested according to EN 61000-6-3:2007 +A1:2011 and EN 61000-6-2:2005.

For detailed information, see test report BMH-18JA0680FCSP.

The inverters did not provide an internal disconnection device. In the final installation an external network monitoring and disconnection device according to NRS 097-2-1:2017 ed. 2.0 must be used.

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.

**Report number:** BMH-18JA0680FCSP

**Certificate number:** U18-0250

**Date of issue:** 2018-04-29

**Certification body**



Holger Schaffer

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

