



**BUREAU
VERITAS**

Certificate of compliance

Applicant: **Shenzhen Growatt New Energy Technology Co., Ltd.**
1st East & 3rd Floor, Building 5, Jiayu Industrial Zone,
Xibianling, Shangwu Village, Shiyan, Bao'an District, Shenzhen
P.R. China

Product: **Grid-tied photovoltaic (PV) inverter**

Model: **Growatt 1000-S**
Growatt 1500-S
Growatt 2000-S
Growatt 3000-S

Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with EN 50438:2013 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 inverter.

Applied rules and standards:

EN 50438:2013

Requirements for micro-generating plants to be connected in parallel with public low-voltage distribution networks

DTIS-230206-BRL:2009

Conditions Governing the Connection and Operation of Micro-generation

DIN V VDE V 0126-1-1:2006-02 (Functional safety)

Automatic disconnection device between a generator and the public low-voltage grid

The following deviations for Ireland according to EN50438:2013 were applied:

Under voltage limit: 207V
Upper voltage limit: 253V
Under frequency limit: 48,0Hz
Upper frequency limit: 50,5Hz

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: **PV151112N006-EN50438**
Certificate number: **U16-0004**
Date of issue: **2016-01-13**

Certification body



Dieter Zitzmann



Deutsche
Akkreditierungsstelle
D-ZE-12024-01-00

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