




**BUREAU
VERITAS**

Certificate of Conformity

Certificate No.: 1788AP1226N033004
Equipment: Hybrid inverter
Brand Name:  Growatt
Test Model No.: Growatt SPH3000, Growatt SPH3600, Growatt SPH4000,
Growatt SPH4600, Growatt SPH5000, Growatt SPH6000
Applicant: Shenzhen Growatt New Energy Technology Co., Ltd
1st East & 3rd Floor of Building A, Building B, Jiayu Industrial Park, #28,
GuangHui Road, LongTeng Community, Shiyan Street, Baoan District,
Shenzhen, P.R.China
Report No.: PV171226N033, LD171216N033-1, LD171216N033-2

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 microgenerating plants to be connected in parallel with public low-voltage distribution networks

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

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

IEC/EN 62109-1:2010, IEC/EN 62109-2:2011, IEC 62040-1: 2008 (1st edition)

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.

Name: Ted Wu
Senior Manager/ PV Inverter Team
Date: 2018-05-31

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Information given in this document is related to the tested specimen of the described electrical sample.