




**BUREAU
VERITAS**

Certificate of Conformity

Certificate No.: 1788AP1127N010005
Equipment: PV Grid Inverter
Brand Name: 
Test Model No.: Growatt 12000 TL3, Growatt 12000 TL3-S,
Growatt 13000 TL3-S, Growatt 15000 TL3-S
Applicant: Shenzhen Growatt New Energy Technology Co., Ltd
1st East & 3rd Floor of Building A, Building B, Jiayu IndustrialPark, #28,
GuangHui Road, LongTeng Community, ShiyuanStreet, Baoan District,
Shenzhen, P.R.China
Report No.: PV171127N010

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

The following deviations for Sweden according to EN 50438:2013 were applied:

Under Voltage limit: 195,5V; Upper voltage limit (Stage 1): 255,3V, Upper voltage limit (Stage 2): 264,5V

Under frequency limit: 47,0Hz, Upper frequency limit: 51,00Hz

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: 2018-09-07

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