



**BUREAU
VERITAS**

Certificate of compliance

Applicant: UPOWER ELECTRIC CO., LTD
4F-A Block, No.62, Yinhe Road, Longgang District, Shenzhen, Guangdong
China

Product: Photovoltaic (PV) inverter

Model: UHome-3K0L, UHome-3K6L, UHome-4K0L, UHome-4K6L, UHome-5K0L, UHome-6K0L,
UHome-8K0L

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 Edition 2.1

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

Category A1: 0 – 13,8 kVA

IEC 61727:2004 Edition 2

Photovoltaic (PV) systems – Characteristics of the utility interface

IEC 62116:2008 Edition 1 / IEC 62116:2014 Edition 2

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

VDE AR-N 4105:2011-08 (A.6 General requirements, single-fault tolerance)

Power generation systems connected to the low-voltage distribution network

Note:

The inverters comply with IEC/EN 61000-2-2 "Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems"

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

Report number: CIZC-ESH-P22120599 **Certification scheme:** NSOP-0032-DEU-ZE-V01
Certificate number: U23-0796 **Date of issue:** 2023-09-20

Certification body



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

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