Certificate

No. 26-001-00

Certificate

Applicant: **Victron Energy B.V.**
De Paal 35
1351 JG Almere
Netherlands

Product: **Battery inverter with integrated automatic disconnection device between a generator and the public low-voltage grid**

Model: **MultiPlus-II 48/3000/35-32 230V,**
MultiPlus-II 48/3000/35-32 230V GX,
MultiPlus-II 48/5000/70-50 230V,
MultiPlus-II 48/5000/70-50 230V GX,
MultiPlus-II 24/3000/70-32 230V,
MultiPlus-II 24/3000/70-32 230V GX,
MultiPlus-II 48/4k5/55-32 230V,
MultiPlus-II 48/4k5/55-32 230V GX,
MultiPlus-II 48/6k5/100-50 230V,
MultiPlus-II 48/6k5/100-50 230V GX

Intended use:

Automatic disconnection device with single-phase mains surveillance in accordance with NRS 097-2-1 for 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 standards and guidelines:

SOP-9-1_15 GCC Certification Program, 09/21
Based on:
NRS 097-2-1:2024, Edition 3
Grid interconnection of embedded generation
Part 2: Small-scale embedded generation
Section 4: Utility compatibility

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

Limitation:
If the inverter detects voltages of <80%Un and above >115%Un the inverter immediately switches to a “VRT/UPS” mode. This mode consists in the inverter stops injecting current into the grid (at the AC-IN port) but continues to inject current to the loads connected to the AC-OUT ports 1 and/or 2.

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Tanja Rottach
Certification Engineer