



CERTIFICATE

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

Product: **Combined inverter/charger and dual independent MPPT solar charger**

Model: **Multi RS Solar 48/6000/100-450/100**

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 1: Utility interface

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:

The DC injection disconnection is not implemented.

If the inverter detects voltages of $<70\%U_n$ 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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