



# CERTIFICATE

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

**Product:** **Battery Storage System with an integrated Inverter with integrated automatic disconnection device between a generator and the public low-voltage grid**

<b>Model:</b>	MultiPlus-II 48/3000/35-32 MultiPlus-II 48/3000/35-32 GX	MultiPlus-II 48/5000/70-50
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**Rating:**

DC charge	48VDCnom., 35Amax	48VDCnom., 70Amax
DC discharge	48VDCnom., 75Amax	48VDCnom., 120Amax
AC charge	187-250V, 16Amax, 50/60Hz, 1Ph+N+PE	187-250V, 18Amax, 50/60Hz, 1Ph+N+PE
AC discharge	230V, 11Amax, 50/60Hz, 1Ph+N+PE	230V, 19Amax, 50/60Hz, 1Ph+N+PE
Pass through current	32A	50A
Output power (Feed in On-Grid)	2,5kVA / 2,47kW	4,5kVA / 4,4kW
Output power (Off-Grid)	3,0kVA / 2,4kW	5,0kVA / 4,0kW

**Intended use:**

Photovoltaic inverter in accordance with EN 50549-1:2019 with single-phase parallel coupling to the distribution network. The automatic disconnection device is an integral part of the aforementioned inverter.

**Applied standards and guidelines:**

**SOP-9-1\_13 GCC Certification Program, 06/19**

Based on:

**EN 50549-1:2019**

Requirements for generating plants to be connected in parallel with distribution networks Part 1: Connection to a LV distribution network – Generating plants up to and including Type B

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:**

- Voltage related active power reduction is not implemented.
- UVRT capability is not implemented.
- The undervoltage threshold stage 1 [27<] and undervoltage threshold stage 2 [27<<] are adjustable between 0,78Un and 1,00Un with 0,0025Un steps.

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