



# CERTIFICATE

**Applicant:** Western CO. Srl  
Via Pasubio 1/3  
63074 San Benedetto del Tronto (AP)  
Italy

**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>	Leonardo Pro 3000/48 Li	
<b>Rating:</b>	Output power (Feed in On-Grid):	2,5kVA / 2,47kW
	Output power (Off-Grid):	3,0kVA / 2,4kW

**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\_14 GCC Certification Program, 11/20**

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.

**Report No:** 17PP264-18

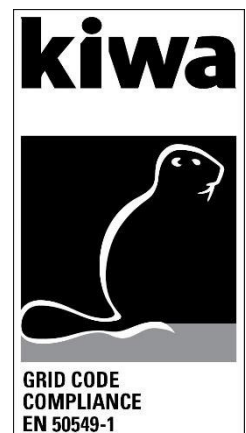
**Certificate No:** 21-122-00

**Date of issue:** 2021-05-06

**Kiwa Primara GmbH**  
Gewerbestraße 28  
87600 Kaufbeuren  
Germany  
Tel. +49 8341 99726-0  
info@primara.net  
www.kiwa.de

*Tanja Rottach*

- Digitally signed | see <http://ca.kiwa-deutschland.de> for more details -



Deutsche  
Akkreditierungsstelle  
D-ZE-12089-01-00

**Tanja Rottach**  
Certification Engineer