Certificate of compliance

Applicant:	**WeCo SRL** Viale Kennedy 113-121 Scarperia e San Piero,Firenze **Italy**
Product:	**Hybrid Inverter**
Model:	**ESY-3K** **ESY-3.6K** **ESY-4K** **ESY-4.6K** **ESY-5K** **ESY-6K** **ESY-8K**

Use in accordance with regulations:

Automatic disconnection device with single-phase mains surveillance in accordance with NRS 097-2-1 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 are 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 this certificate, the safety concept of an aforementioned representative product corresponds to the valid safety specifications for the specified use in accordance with regulations.

Report number:	**CLUY-ESH-P23101058**	**Certification scheme:**	**NSOP-0032-DEU-ZE-V01**
Certificate number:	**U24-0209**	**Date of issue:**	**2024-03-26**

Certification body

Domenik Koll
Head of Energy Systems

DAkkS Deutsche Akkreditierungsstelle D-ZE-12024-01-00

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

Testing laboratory accredited according to DIN EN ISO/IEC 17025

A partial representation of the certificate requires the written approval of Bureau Veritas Consumer Products Services Germany GmbH