

Number KIP0002087B/00 Replaces -
Issued 13/11/2017 First edition 13/11/2017
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Certificate of Type Testing Conformity

License holder: ELPOWER S.r.l.
Via Beggiate 23 – 36025 Noventa Vicentina (VI), Italy

Production site: ELPOWER S.r.l.
Via Beggiate 23 – 36025 Noventa Vicentina (VI), Italy

Product: Grid-tied inverter

Models:

Cleanverter 15	Cleanverter 15 C	Cleanverter 15 PV	Cleanverter 15 C PV
Cleanverter 20	Cleanverter 20 C	Cleanverter 20 PV	Cleanverter 20 C PV
Cleanverter 25	Cleanverter 25 C	Cleanverter 25 PV	Cleanverter 25 C PV
Cleanverter 30	Cleanverter 30 C	Cleanverter 30 PV	Cleanverter 30 C PV
Cleanverter 40	Cleanverter 40 C	Cleanverter 40 PV	Cleanverter 40 C PV
Cleanverter 50	Cleanverter 50 C	Cleanverter 50 PV	Cleanverter 50 C PV
Cleanverter 60	Cleanverter 60 C	Cleanverter 60 PV	Cleanverter 60 C PV
Cleanverter 80	Cleanverter 80 C	Cleanverter 80 PV	Cleanverter 80 C PV

Remarks: suffix C indicates the compact version.

The products can be considered complying to the type testing based upon the following aspects:

- CEI 0-21:2016-07 + CEI 0-21;V1:2017-07
Reference technical rules for the connection of active and passive users to the LV electrical utilities.
Remarks: the product complies with the Annex B of the standard CEI 0-21.

This type testing certificate is only valid for the sample tested with the configuration described on the test report.

This type testing certificate does not include the Initial and the Periodic Inspection of the production samples.

*This certificate is issued in accordance with the Kiwa Cermet Italia regulations for Product Certification.
Publication of the certificate is allowed.*

Kiwa Cermet Italia S.p.A.

Società con socio unico, soggetta all'attività di direzione e coordinamento di Kiwa Italia Holding Srl

Via Cadriano, 23
40057 Granarolo dell'Emilia (BO)

Unità secondaria

Via Treviso 32/34

31020 San Vendemiano (TV)

Tel +39. 0438 411755

Fax +39.0438 22428

E-mail: info@kiwacermet.it

www.kiwa.it

www.kiwacermet.it

Chief Operating Officer
Giampiero Belcredi



Member of the IECCE CB-Scheme

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Annex

Declaration of Conformity to CEI 0-21:2016-07 + CEI 0-21;V1:2017-07

"Reference technical rules for the connection of active and passive users to the LV electrical Utilities".

TYPE OF APPARATUS WHICH THE DECLARATION IS REFERRED TO:

Interface Device	Interface Protection Device	Static Conversion Device	Rotating Device
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Manufacturer	ELPOWER S.r.l. Via Beggiate 23 – 36025 Noventa Vicentina (VI), Italy			
Product type	Grid-tied inverter			
Model name	Cleanverter 15 Cleanverter 20 Cleanverter 25 Cleanverter 30 Cleanverter 40 Cleanverter 50 Cleanverter 60 Cleanverter 80	Cleanverter 15 C Cleanverter 20 C Cleanverter 25 C Cleanverter 30 C Cleanverter 40 C Cleanverter 50 C Cleanverter 60 C Cleanverter 80 C	Cleanverter 15 PV Cleanverter 20 PV Cleanverter 25 PV Cleanverter 30 PV Cleanverter 40 PV Cleanverter 50 PV Cleanverter 60 PV Cleanverter 80 PV	Cleanverter 15 C PV Cleanverter 20 C PV Cleanverter 25 C PV Cleanverter 30 C PV Cleanverter 40 C PV Cleanverter 50 C PV Cleanverter 60 C PV Cleanverter 80 C PV
Firmware release	161			
Number of Phases	Three-phase			
Nominal Power	15kW; 20kW; 25kW; 30kW; 40kW; 50kW; 60kW; 80kW			
Remarks	<input checked="" type="checkbox"/> The device is capable to limit the I _{dc} to 0.5% of the nominal current <input type="checkbox"/> The device needs to be coupled with an external insulation transformer <input checked="" type="checkbox"/> The device is equipped with a low frequency insulation transformer			
Test laboratory	Eurotest Laboratori S.r.l. (EA accredited laboratory Accredia n° 0192); CREI Ven S.c.a.r.l. (EA accredited laboratory Accredia n° 0259)			

Having assessed the Test Files n° CEI0-21 01-16519-120352, EMC01-17065-100606, EMC02-17065-100606, CONBT01-17065-100606, CONBT02-17065-100606, CONBT01-17065-110213 issued by Eurotest Laboratori S.r.l. (EA accredited laboratory Accredia n° 0192); n° 171438LP issued by CREI Ven S.c.a.r.l. (EA accredited laboratory Accredia n° 0259). Having assessed the declaration nr. 172555DIR issued by CREI Ven S.c.a.r.l. Having examined the ISO 9001 certificate of the manufacturer n° 5267/2.

We declare that the products indicated meet the requirements laid down by CEI 0-21:2016-07 + CEI 0-21;V1:2017-07 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities".

Date of issue: 13/11/2017

Chief Operating Officer
Giampiero Belcredi



Certificate

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