

# CERTIFICATE

## of Conformity

**Registration No.:** AK 50604774 0001  
**Report No.:** CN23PHGL 001  
**Holder:** Fier srl Unipersonale  
Via Cremona 123,  
25025 Manerbio BS  
Italia  
**Product:** PV-Inverter  
(ESS Inverter)

### Type designation listed on the next page

The certificate of conformity refers to the above-mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned on the next page. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

**Certification Body**

**Date:** 2023-10-20



A. Chen



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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## of Conformity

**Registration No.:** AK 50604774 0001

**Product:** PV-Inverter  
(ESS Inverter)

**Tested according to:** CEI 0-21:2022-03  
CEI 0-21; V1:2022-11

**Identification:** Type Designation  
AURA 4.6K-H, AURA 5.0K-H, AURA 6.0K-H  
Firmware Version : 060101  
Remark : Refer to test report CN23PHGL 001  
for details.



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**



**OGGETTO:** Dichiarazione di conformità alla normativa CEI 0-21:2022-03, CEI 0-21;V1:2022-11 "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica"

**SUBJECT:** Declaration of Conformity to CEI 0-21: 2022-03, CEI 0-21;V1:2022-11 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"

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### TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE:

TYPE OF APPARATUS WHICH THE DECLARATION IS REFERED TO:

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotating Device
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Costruttore  
Manufacturer

**Fier srl Unipersonale**  
Via Cremona 123, 25025 Manerbio (BS) Italia

Modello/Tipo  
Model/Type

Potenza Attiva Nominale ( $P_{NINV}$ )  
Nominal Power  
[kW]

Max. Potenza Apparente ( $S_{MAX}$ )  
Maximum Apparent Power  
[kVA]

AURA 4.6K-H

4.6

4.6

AURA 5.0K-H

5.0

5.5

AURA 6.0K-H

6.0

6.0

ACCU5K-LV  
(Battery package)

Capacity of the storage system (CUS) [Ah] 100 (One module of battery)  
1 to 32 of modules X 100 (maximum 32 modules of battery)

*(\*) The inverter have a PV input and AC output with the batteries system and it's compliant to Annex A, B and Bbis of standard CEI 0-21  
The nominal charging and discharging power can be reached only according with a minimum number of battery modules connected to the inverter with limitation of the inverter's capability.*

Firmware release  
Firmware

060101

Numero di Fasi  
Number of phases

monofase/ Single phase

Note  
Remarks

Il dispositivo è in grado di limitare la  $I_{dc}$  allo 0,5% della corrente nominale.  
*The device is capable to limit the  $I_{dc}$  to 0,5% of the nominal current.*

laboratorio di prova  
Test laboratory

TÜV Rheinland (Shanghai) Co., Ltd.  
Accreditation CNAS no. L3038



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Precisely Right.

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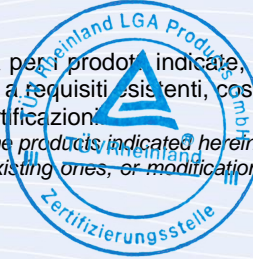
Esaminati I Fascicoli Prove N.: CN23PHGL 001 emesso da TÜV Rheinland (Shanghai) S.r.l.  
Having assessed the Test Files N.: CN23PHGL 001 issued by TÜV Rheinland (Shanghai) Co., Ltd.

Si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2022-03, CEI 0-21;V1:2022-11 "Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti BT delle imprese distributrici di energia elettrica" *We declare that the products indicated meet the requirements laid down by CEI 0-21:2022-03, CEI 0-21;V1:2022-11 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"*

Validità della  
Dichiarazione  
*Validity of the  
Declaration*

Questa Dichiarazione è valida per i prodotti indicati, così come descritti nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, così come modifiche al prodotto, possono implicare nuove verifiche e certificazioni.

*This Declaration is valid only for the products indicated herein, as described in the Files mentioned. New requirements or amendment to existing ones, or modifications to the product, may imply re-verification and re-certification.*



Date: 20.10.2023

Signature :

A. Chen

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