

CERTIFICATE of Conformity

Registration No.: A3 50606350 0001

Report No.: CN23CTUH 001

Holder: Fier srl Unipersonale
Via Cremona 123,
25025 Manerbio BS
Italia

Product: Energy Storage System
(ESS Inverter)

Identification: Type Designation : AURA 8.0K-H, AURA 10.0K-H
Firmware Version : 051001
Remark(s) : Refer to report CN23CTUH 001
for details.

Tested acc. to: CEI 0-21:2022-03
CEI 0-21; V1:2022-11



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 above. 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.

Date 02.11.2023

Durch die DAkkS nach
DIN EN ISO/IEC 17065:2013
akkreditierte Zertifizierungsstelle.
Die Akkreditierung gilt nur für den in der
Urkundenanlage D-ZE-14169-01-02
aufgeführten Akkreditierungsumfang.

Certification Body

A. Chen

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"

Certificate No.: A3 50606350 0001

Page 1/2

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 8.0K-H

8.0

8.8

AURA 10.0K-H

10.0

11.0

ACCU10K-HV
(Battery package)

Capacity of the storage system (CUS) 50 [Ah], 204.8 [Vdc], 10.24 [kWh]

ACCU15K-HV
(Battery package)

Capacity of the storage system (CUS) 50 [Ah], 307.2 [Vdc], 15.36 [kWh]

ACCU20K-HV
(Battery package)

Capacity of the storage system (CUS) 50 [Ah], 409.6 [Vdc], 20.48 [kWh]

ACCU25K-HV
(Battery package)

Capacity of the storage system (CUS) 50 [Ah], 512 [Vdc], 25.60 [kWh]

^(*) 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

051001



Certificate No.: A3 50606350 0001

Page 2/2

Numero di Fasi <i>Number of phases</i>	Tre fasi/ Three phases
Note <i>Remarks</i>	Il dispositivo è in grado di limitare la I _{dc} allo 0,5% della corrente nominale. <i>The device is capable to limit the I_{dc} to 0,5% of the nominal current.</i>
laboratorio di prova <i>Test laboratory</i>	TÜV Rheinland (Shanghai) Co., Ltd. Accreditation CNAS no. L3038

Esaminati I Fascicoli Prove N.: CN23CTUH 001 emesso da TÜV Rheinland (Shanghai) S.r.l.
Having assessed the Test Files N. CN23CTUH 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 indicate, così come descritt 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: 02.11.2023

Signature :

A handwritten signature in blue ink, appearing to read 'A. Chen', written over a horizontal line.

A. Chen