

C E R T I F I C A T E
of Conformity



Registration No.: AK 50410204 0001

Report No.: 50148429 001

Holder: Aton S.r.l.
Via Nuova Circonvallazione,
57/B - 47923 Rimini (RN),
Italy

Product: PV-Inverter
(PV Grid-Interactive Inverter With Storage Battery System)

Identification: Type Designation: ATM-5K-TL ATM-4K-TL ATM-3K-TL
ATM-3K-TLS
Serial Number : Engineering Samples
Firmware Version: 03033
Remark : Refer to test report 50148429 001
for details.

Tested acc. to: CEI 0-21:2016+V1

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.

Certification Body



Date 11.06.2018


Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

OGGETTO: Dichiarazione di conformita alla normative CEI 0-21:2016-07+V1:2017-07

"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: 2016-07+V1:2017-07

"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

Aton S.r.l.
Via Nuova Circonvallazione, 57/B – 47923 Rimini (RN), Italy

Modello/Tipo
Model/Type

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

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

ATM-5K-TL^(*)
ATM-4K-TL^(*)
ATM-3K-TL^(*)
ATM-3K-TLS^(*)

5,00
3,68
3,00
3,00

5,10
4,05
3,30
3,30

Pylontech Battery US2000(Version B)

Capacity of the storage system (CUS)
[Ah]
50 (One module of battery)
1 to 8 of modules X 50 (maximum 8 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

03033

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

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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Esaminati I Fascicoli Prove N.: 50148429 001 emesso da TÜV Rheinland (Shanghai) S.r.l.
Having assessed the Test Files N. 50148429 001 issued by TÜV Rheinland (Shanghai) Co., Ltd.

Si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-21:2016-07+V1:2017-07 "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 0-21:2016-07+V1:2017-07 "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 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: 11.06. 2018



Signature :


Weichun Li