

Date: 2026-02-11

Fortress Power LLC
2010 Cabot Blvd W Suite L,
Langhorne, PA 19047
USA

Ref: CU US + Canada Certificate

Type of Equipment : Utility-interactive hybrid inverter
Certificate No. : CU 72605483 0001
Report No. : CN2575YV 004
Engineer/Contact : Mike Yu
Standards : CSA C22.2 No. 107.1-16
UL 1741:2021

Dear Madame or Sir,

The above referenced technical equipment has been tested and was found to be in compliance with the listed test requirement(s). Enclosed, please find the TUV Rheinland approval document No. CU 72605483 0001.

It authorizes you to label the listed product(s) with the TUV Rheinland Mark identified in the approval document. For compliance, the Test Mark must be on the approved unit.

Your product is subject to regular factory follow-up inspections as well as annual certificate and factory registration fees.

In using the TUV Rheinland Mark you are obligated to comply with the TUV Rheinland of North America Service Agreement.

If we can be of any further assistance to you, please do not hesitate to contact us.

With kind regards,

Certification Body



Bowen Dong

Enclosure

Certificate

Certificate no.

CU 72605483 0001

License Holder:

Fortress Power LLC
2010 Cabot Blvd W Suite L,
Langhorne, PA 19047
USA

Manufacturing Plant:

CN2575YV

Report Number:

CN2575YV 004

Client Reference:

Mr. Eric Wang

Certification acc. to:

CSA C22.2 No. 107.1-16
UL 1741:2021

Product Information**Certified Product:**

Utility-interactive hybrid inverter

Model Designation:

1) FP-Nano-30k-L , 2) FP-Nano-30k-N ,
3) FP-Nano-40k-N , 4) FP-Nano-50k-N ,
5) FP-Nano-60k-N

Technical Data:

Other date: See appendix

Certificate

Certificate no.

CU 72605483 0001

License Holder:

Fortress Power LLC
2010 Cabot Blvd W Suite L,
Langhorne, PA 19047
USA

Manufacturing Plant:

CN2575YV

Remarks:

Special Remarks:

1. Evaluated to IEEE 1547-2003 and IEEE1547.1-2005.
2. Evaluated to UL 1741 3rd Edition Supplement SB for grid support functions, and IEEE 1547-2018, IEEE 1547a-2020 and IEEE1547.1-2020: Normal Operating Performance Category B; Abnormal Operating Performance III to the following SRDs:
 - Hawaiian Electric SRD V2.0.
 - California Rule 21: Generating facility interconnections, (PG&E, SCE, SDG&E).
3. Evaluated to UL 1741 3rd Edition Supplement SB for interoperability functions, and IEEE 1547-2018 and IEEE1547.1-2020: using IEEE 2030.5-2018 protocol.
4. Evaluated to UL 1741 3rd Edition CRD Non-Isolated EPS Interactive PV Inverters Rated Less Than 30kVA.
5. Evaluated to UL 1699B:2018 Ed.1, R 2021 for photovoltaic DC arc-fault circuit interrupter protection integrated in inverter.
6. Programmable Components are involved in safety critical function below, and evaluated according to the applicable requirement of UL 991 3rd Edition and UL 1998 3rd Edition:
 - isolation monitor interrupter function.
 - battery soft-starting circuit relay contact adhesion monitoring and protection function.
 - arc fault interruption function.
7. The hybrid inverter is evaluated of RAPID SHUTDOWN EQUIPMENT AND SYSTEMS requirements according to section 92 to section

TUV Rheinland of North America, Inc.
400 Beaver Brook Rd, Boxborough, MA 01719
Tel +1 (978) 266 9500, Fax +1 (978) 266-9992

www.tuv.com

Certificate

Certificate no.

CU 72605483 0001

License Holder:

Fortress Power LLC
2010 Cabot Blvd W Suite L,
Langhorne, PA 19047
USA

Manufacturing Plant:

CN2575YV

102 of UL 1741:2021 Ed.3, R 05 23 and section 5 of CSA C22.2 No.330-17, after installed with equipment below together:

- PVRSE by ALTENERGY, consisted of shutdown device model RSD-D series and transmitter model Transmitter-PLC-1P/Transmitter-PLC, certified according to UL 1741 / CSA C22.2 No.330 (CSA certificate: 70218631).
- PVRSE by ALTENERGY, consisted of shutdown device model RSD-S-PLC series and transmitter model Transmitter-PLC-1P/Transmitter-PLC, certified according to UL 1741 / CSA C22.2 No.330 (CSA certificate: 70218632).
- PVRSE by TIGO, consisted of shutdown device model TS4-A-2F/TS4-A-F and transmitter model RSS Transmitter Din Rail, Single RSS Core/RSS Transmitter Din Rail, Dual RSS Core, certified according to UL 1741 / CSA C22.2 No.330 (UL certificate: E469960).

Appendix:

1, 1-14



Date of issue:

2026-02-11
(yr/mo/day)

TUV Rheinland of North America, Inc.
400 Beaver Brook Rd, Boxborough, MA 01719
Tel +1 (978) 266 9500, Fax +1 (978) 266-9992

www.tuv.com