

# Certificate



Certificate no.

CU 72227074 01

**License Holder:**

Shenzhen Eternalplanet Energy  
Pingshan Ltd. Room 220-3, Podium  
Building, Innovation Plaza, No.2007  
Pingshan Blvd, Liulian Community,  
Pingshan Subdistrict, Pingshan  
District, Shenzhen, Guangdong  
P.R. China

**Manufacturing Plant:**

Shenzhen JingQuanHua & Everrise  
Intelligent Electric Co., Ltd.  
Jingquanhua Science and Technology  
Industrial Park, No.10 Pingqiao Road,  
Pingdi Street, Longgang District,  
518117 Shenzhen Guangdong  
P.R. China

**Test report no.:** USA-Tianxin CN227WXK 001

**Client Reference:** 168375871

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

**Certified Product:** Inverter

**License Fee - Units**

Model Designation: HNA7W, HNA7W\_TT, HNA7W\_AT,  
HNA7G, HNA7G\_TT, HNA7G\_AT

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Nominal DC Voltage Range :  
90-550Vdc for MPPT, 90-262.8Vdc for battery  
Maximum DC current : 16A for per MPPT, 55A for battery  
Nominal AC voltage : 240V, 2W+N+GND, 60Hz  
Maximum Continuous AC current/AC power: 31.6A/7.6kW  
Power Factor Range : 0.9 leading~0.9 lagging  
Protection Class : I  
Operation Temperature : -10°C~+50°C  
Type of Enclosure : NEMA 4X  
Software Version : V2.0

contd.

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Appendix: 1

**Licensed Test mark:**



**Date of Issue**

**(day/mo/yr)**

21/07/2022

# Certificate



Certificate no.

CU 72227074 02

**License Holder:**

Shenzhen Eternalplanet Energy  
Pingshan Ltd. Room 220-3, Podium  
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District, Shenzhen, Guangdong  
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contd.  
Special Remark: The UL 1741 SA, SB Grid Support Utility  
Interactive function and IEEE 1547: 2003, IEEE 1547.1: 2005  
for Interconnecting Distributed Resources with Electric  
Power Systems; IEEE 1547: 2018, IEEE 1547.1: 2020  
Interconnection and Interoperability of Distributed Energy  
Resources with Associated Electric Power Systems Interfaces  
and tested SRD: California Rule 21, Decision No. 16-06-052.  
Hawaii Rule 14, Docket No. 2014-0192, Hawaiian Electric  
Companies, IEEE 1547.1-2020 Source Requirements Document  
Version 2.0. Software evaluated to UL1998: 2013 R12.13.  
To be installed according to the licensee's installation  
Appendix: 1

**Licensed Test mark:**



**Date of Issue**

**(day/mo/yr)**

21/07/2022

Date : 2022/07/21

Shenzhen Eternalplanet Energy  
Pingshan Ltd. Room 220-3, Podium  
Pingshan Subdistrict, Pingshan  
District, Shenzhen, Guangdong  
P.R. China  
Attn:

**Re. : CU US + Canada Certificate**

Type of Equipment : Inverter  
Model Designation : See Certificate  
Certificate No. : CU 72227074 0001  
File No. : CN227WXK 001  
Engineer/Contact : Xingxin Tian  
Standard(s) : UL 1741:2021  
CSA C22.2 No. 107.1-16

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 72227074 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.

Sincerely yours,  
Certification Body

Weichun Li  
QA Certification Officer

Enclosure