



# Certificate of Compliance

**Certificate:** 80112280

**Master Contract:** 302680

**Project:** 80147980

**Date Issued:** 2023-01-06

**Issued To:** FOXESS CO., LTD.  
No.939, Jinhai Third Road,  
New Airport Industry Area,  
Longwan District  
Wenzhou, Zhejiang, 325025  
China

**Attention:** Hardy Yang

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*

**Issued by:** Henry Huan  
Henry Huan



## **PRODUCTS**

CLASS - C5311 09 - POWER SUPPLIES Distributed Generation Power Systems Equipment  
CLASS - C5311 89 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

Bi-directional Transformerless Power Conversion Equipment, US Series, Models H1-3.8-US, H1-5.7-US, H1-7.6-US, H1-9.6-US and H1-11.4-US with PV input and Battery input, Grid Support Utility Interactive mode or Stand-alone mode. Wall mounted, permanently connected.

Bi-directional Transformerless Power Conversion Equipment, US Series, Models AC1-3.8-US, AC1-5.7-US, AC1-7.6-US, AC1-9.6-US and AC1-11.4-US with Battery input, Grid Support Utility Interactive mode or Stand-alone mode. Wall mounted, permanently connected.



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Notes:

For details related to rating, size, configuration, etc., reference should be made to the CSA Certification Record, or the Descriptive Report.

**APPLICABLE REQUIREMENTS**

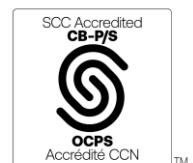
- CSA-C22.2 No.107.1-16 - Power Conversion Equipment
- \*UL Std No. 1741 3<sup>rd</sup> Edition - Inverters, Converters, Controllers and Interconnection System Equipment For Use With Distributed Energy Resources (Third Edition, Revision Dated September 28, 2021)
- \*\*UL1741 CRD - Non-Isolated EPS Interactive PV Inverters Rated Less Than 30Kva (Dated April 26, 2010)
- \*\*UL 1699B - Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Dated August 22, 2018)

\*Note: Conformity to UL 1741(Third Edition, Revision Dated September 28, 2021) includes compliance with UL 1741 Supplement B and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018, IEEE 1547a-2020, Hawaiian Electric Co. SRD-V2.0 and Puerto Rico Electric Power authority (PV) Projects (V3). While the grid support function evaluated according to IEEE 1547.1-2020, the interoperability is verified with IEEE 2030.5-2018 communication protocol.

\*\*Note: The functional safety has been evaluated according to applicable requirement of UL 1998-Edition 3 as required by the product standard.

Notes:

Products certified under Class C531109 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80147980	2023-01-06	Updated report 80112280 to add component Microgrid Interconnect Device, model FOX Hub and inverter AFCI Function
80136757	2022-12-09	Updated report 80112280 to add Puerto Rico Electric Power authority (PV) Projects (V3).
80112280	2022-07-29	Bi-directional Transformerless Power Conversion Equipment, US Series with Grid Support Utility Interactive mode or Stand-alone mode. (C/US)