



# Certificate of Compliance

**Certificate:** 80101839

**Master Contract:** 273488

**Project:** 80229487

**Date Issued:** 2024-10-17

**Issued to:** Ginlong Technologies Co., Ltd.  
No.57, Jintong Road, Xiangshan  
Ningbo, Zhejiang, 315712  
CHINA

**Attention:** Ruyi Pan

*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:** *Magic Zhang*  
Magic Zhang

## PRODUCTS

CLASS 5311 09 - POWER SUPPLIES - Distributed Generation Power Systems Equipment

CLASS 5311 89 - POWER SUPPLIES - Distributed Generation Power Systems Equipment - Certified to U.S. Standards

Transformerless Grid Support Utility Interactive PV Inverter, Models Solis-1P6K-4G-US, Solis-1P7K-4G-US, Solis-1P7.5K-4G-US, Solis-1P7.6K-4G-US, Solis-1P8K-4G-US, Solis-1P8.6K-4G-US, Solis-1P9K-4G-US and Solis-1P10K-4G-US. Wall mounted, permanently connected.

Notes:

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

## APPLICABLE REQUIREMENTS

CSA-C22.2 No.107.1-16 - Power Conversion Equipment  
\*UL Std No. 1741-Third Edition - Inverters, Converters, Controllers and Interconnection System Equipment  
For Use With Distributed Energy Sources  
(Third Edition, Dated May 19, 2023)



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- \*\*UL 1699B - Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Revision Dated August 22, 2018)
- \*\*UL1741 CRD - Non-Isolated EPS Interactive PV Inverters Rated Less Than 30kVA (Dated April 26, 2010)

**\*Note:** Conformity to UL 1741(Third Edition, Dated May 19, 2023) and Grid support function is verified according to UL 1741 Supplement SB and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018, IEEE 1547a-2020 and Hawaiian Electric Co. SRD-V2.0. 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**

<b>Project</b>	<b>Date</b>	<b>Description</b>
80229487	2024-10-17	Updated report 80101839 to add model Solis-1P7.5K-4G-US to meet all listed applicable standard requirements.
80173209	2023-06-29	Updated report 80101839 to add alternate materials of RSS Transmitter, DC Current Sensor and AC current sensor.
80138152	2022-12-12	Updated report 80101839 to evaluate the Grid support function to comply with HECO SRD V2.0 requirements for all models, firmware number is A2.
80101839	2022-10-15	Transformerless Grid Support Utility Interactive PV Inverter, Models Solis-1P6K-4G-US, Solis-1P7K-4G-US, Solis-1P7.6K-4G-US, Solis-1P8K-4G-US, Solis-1P8.6K-4G-US, Solis-1P9K-4G-US and Solis-1P10K-4G-US. (C/US)