



Certificate of Compliance

Certificate: 80042699

Master Contract: 273488

Project: 80101842

Date Issued: 2022-08-15

Issued to: Ginlong Technologies Co., Ltd.
No.57, Jintong Road, Xiangshan
Ningbo, Zhejiang, 130 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-255K-EHV-5G-US, Solis-185K-EHV-5G-US, Solis-255K-EHV-5G-US-PLUS, Solis-185K-EHV-5G-US-PLUS and Solis-125K-EHV-5G-US-PLUS. 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 September 28, 2021) |
| **UL 1699B | - | Photovoltaic (PV) DC Arc-Fault Circuit Protection |



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****UL1741 CRD** - (First Edition, Revision Dated August 22, 2018)
Non-Isolated EPS Interactive PV Inverters Rated Less Than 30Kva
(Dated April 26, 2010)

***Note:** Conformity to UL 1741(Third Edition, Dated September 28, 2021) includes compliance with applicable requirements of IEEE 1547-2003 (R2008), IEEE 1547a-2014, IEEE 1547.1-2005(R2011), IEEE 1547.1a-2015. Grid support function is verified according to UL 1741 Supplement SA8-SA18 with the SRDs of California Electric Rule 21, and also verified according to UL 1741 Supplement SB and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018 and IEEE 1547a-2020. 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





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

Project	Date	Description
80101842	2022-08-15	Update the report 80042699 to add models Solis-125K-EHV-5G-US-PLUS and evaluate the Grid support function to comply with UL 1741 Supplement SB according to IEEE 1547.1-2020 with SRDs IEEE 1547-2018 and IEEE 1547a-2020 for all models.
80072246	2021-06-30	Update the report 80042699 to add models Solis-255K-EHV-5G-US-PLUS and Solis-185K-EHV-5G-US-PLUS, and meet requirements of UL 1699B Photovoltaic (PV) DC Arc-Fault Circuit Protection (First Edition, Revision Dated August 22, 2018) for all models. (C/US)
80046894	2020-11-04	Update the report 80042699 to include requirements of UL1741CRD Grid Support Utility Interactive Interoperability Optional Functions: Prevent Enter Service and Limit Active Power (CA Rule 21, Phase 3, functions 2 and 3) (Dated October 22, 2019) for Transformerless Grid Support Utility Interactive PV Inverter, Models Solis-255K-EHV-5G-US and Solis-185K-EHV-5G-US.
80042699	2020-09-15	Transformerless Grid Support Utility Interactive PV Inverter, Models Solis-255K-EHV-5G-US and Solis-185K-EHV-5G-US. (C/US)