



Certificate of Compliance

Certificate: 80017010

Master Contract: 261002

Project: 80239754

Date Issued: 2025-02-11

Issued To: Hoymiles Power Electronics Inc.
No.18 Kangjing Road,
Hangzhou, Zhejiang, 310015
China

Attention: Steven Zhang

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: *Ethan Jin*
Ethan Jin



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

Grid Support Utility Interactive Inverter with PV input, Model HM-1500, HM-1500T, HM-1500N, HM-1500NT, HM-1200, HM-1200T, HM-1200N, HM-1200NT, HM-1000, HM-1000T, HM-1000N and HM-1000NT, rack mounted.

Note:

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



Certificate: 80017010
Project: 80239754

Master Contract: 261002
Date Issued: 2025-02-11

APPLICABLE REQUIREMENTS

- CSA-C22.2 No. 107.1-16 - Power conversion equipment
- *UL Std No. 1741-3rd - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Third Edition, Dated September 28, 2021)
- UL1741 CRD - 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)

***Note:** This product conforms with Photovoltaic Rapid Shutdown Requirements of NEC-2017 and NEC-2020 Article 690.12 and CEC-2021 Sec 64-218, for AC and DC conductors, when installed according to manufacturer's instructions.

***Note:** Conformity to UL 1741(Third Edition, Dated September 28, 2021) includes compliance with applicable requirements of IEEE 1547-2003(R2008), IEEE 1547.1-2005 (R2011), IEEE 1547-2018, IEEE1547.1-2020, IEEE1547a-2020, Grid support function is verified according to UL 1741 Supplement SB and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018 and IEEE 1547a-2020, Hawaiian Electric Co. SRD-V2.0; California Rule 21 and Supplement SA8-18, While the grid support function evaluated according to IEEE 1547.1-2020, the interoperability is verified with IEEE 2030.5-2018 protocol.

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

Certificate: 80017010

Master Contract: 261002

***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
80239754	2025-02-11	Update report 80017010 to add alternate components and change electrical parameters.
80155383	2023-06-06	Update report 80017010 delete model THM-1500 and HMS series to conform with Grid Support Function according to UL 1741 3rd edition Supplement SB and IEEE 1547.1-2020 with the SRDs of IEEE 1547-2018, IEEE 1547a-2020 and Hawaiian Electric Co. SRD-V2.0, firmware version is V01.00.00.
80037988	2021-01-29	Update report 80017010 to add new models and include UL1741CRD SA17-18 requirements
80036969	2020-03-12	Update report 80017010 to add new model THM-1500, HM-1500N, HM-1500NT, HM-1200N, HM-1200NT, HM-1000N and HM-1000NT
80017010	2019-09-04	Grid Support Utility Interactive Inverter, Model HM-1500, HM-1500T, HM-1200, HM-1200T, HM-1000 and HM-1000T.(C/US)