



Certificate of Compliance

Certificate: 80310016

Master Contract: 261002

Project: 80310016

Date Issued: 2026-07-15

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

Attention: Di Jin

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator 'US' for US only.



Issued by: *Levi Sun*
Levi Sun

PRODUCTS

CLASS - C531180 - POWER SUPPLIES - Interactive Plug-In PV Equipment and Systems (PIPV) - Certified to US Standard

PIPV grid interactive inverter models: HMS-360-1WM-LV, HMS-391-1WM-LV, HMS-420-1WM-LV, HMS-450-1WM-LV and HMS-500-1WM-LV, interconnected with other subassembly plug-in equipment to form a PIPV System, non-movable type used in non-hazardous location.

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

APPLICABLE REQUIREMENTS

UL 3700 - Outline of Investigation for Interactive Plug-In PV (PIPV) Equipment and Systems.
(Issue Number: 1, Dated December 11, 2025)

Conditions of Acceptability:

- 1) The model listed is a grid interactive PV micro-inverter without battery input and future evaluation should be considered when forming a complete PIPV system with other subassembly parts.



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- 2) The model listed is not stand-alone type and shall not connect to Class 2 PV Power Sources.
- 3) Additional listed interconnection cord with proprietary PIPV plug (connector) shall be provided, when connected to a permanently installed proprietary PIPV receptacle on site, which is same model and manufacturer as the PIPV plug (connector) (i.e., a mated pair).
- 4) Proprietary connectors shall be of the latching or locking type and comply with UL 6703 and the additional requirements of UL 3700 sec.6.4.
- 5) The model listed is integrated with 4A / 5A (selected based on max. output rating) class fuse at each ungrounded conductors and intended for use on Non-dedicated Circuits (Branch circuit breaker 15A).
- 6) Listed bidirectional Class A GFCI shall be provided and integrated between end PIPV system and non-dedicated branch circuit.
- 7) PIPV PVRS shall be initiated by the interruption of the AC EPS connection, and the function shall be evaluated when forming a complete PIPV system with other parts.
- 8) UAIOP function shall be evaluated when forming a complete PIPV system, including Functional Safety.
- 9) The model listed must be installed and used as the user manual description; When integrated into the system, UL 3700 Sec.9 needs to be revisited.

Notes:

Products certified under Class(es) C531180 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
80310016	2026-07-15	Original Certification for PIPV grid interactive inverter models: HMS-360-1WM-LV, HMS-391-1WM-LV, HMS-420-1WM-LV, HMS-450-1WM-LV and HMS-500-1WM-LV in accordance with UL 3700 outline under CSA WMTC program. (US mark)