



# Certificate of Compliance

**Certificate:** 80112408

**Master Contract:** 261002

**Project:** 80112405

**Date Issued:** 2023-02-24

**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:** 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

Grid Support Utility Interactive Inverter with PV input, Models: HMS-300-1T, HMS-300-1A, HMS-350-1T, HMS-350-1A, HMS-350-1T-NA, HMS-350-1A-NA, HMS-400-1T, HMS-400-1A, HMS-400-1T-NA, HMS-400-1A-NA, HMS-450-1T, HMS-450-1A, HMS-450-1T-NA, HMS-450-1A-NA, HMS-500-1T, HMS-500-1A, HMS-500-1T-NA, HMS-500-1A-NA, HM-400N, HM-400NT, HM-350N, HM-350NT, HM-300N and HM-300NT rack mounted.

**Note:**



**Certificate:** 8011208  
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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**

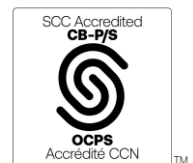
- CSA-C22.2 No. 107.1-16 - Power conversion equipment
- \*UL Std No. 1741-3rd - Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources (Third Edition, Dated September 28, 2021)

**\*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, 1547a-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, 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](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>
80112405	2023-02-24	Update report 80112408 to add new models and evaluate the Grid Support Function on inverter according to UL 1741 3 <sup>rd</sup> 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.
80112408	2022-11-22	Original certification to Utility Interactive Inverter, HMS-300-1T, HMS-300-1A, HMS-350-1T, HMS-350-1A, HMS-350-1T-NA, HMS-350-1A-NA, HMS-400-1T, HMS-400-1A, HMS-400-1T-NA, HMS-400-1A-NA, HMS-450-1T, HMS-450-1A, HMS-450-1T-NA, HMS-450-1A-NA, HMS-500-1T, HMS-500-1A, HMS-500-1T-NA and HMS-500-1A-NA(C/US).