

# Certificate of Conformity

Registered No.:

**COCVP08199/23B-04**

File reference  
PVP08199/23B-03

Test report No.  
TRPVP08199/23B/03

Date of issue  
2024-01-11

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

**Applicant:** **Hoymiles Power Electronics Inc.**  
No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China

**Manufacturer:** **Hoymiles Power Electronics Inc.**  
No. 18 Kangjing Road, Hangzhou, Zhejiang Province, P.R. China

**Factory:** **Hoymiles Power Electronics Inc.**  
No. 149 Kangzhong Road, Hangzhou, Zhejiang Province, P.R. China

**Product:** PV Microinverter

**Type designation:** HMS-300-1A, HMS-300-1T, HMS-350-1A, HMS-350-1T, HMS-400-1A, HMS-400-1T, HMS-450-1A, HMS-450-1T, HMS-500-1A, HMS-500-1T, HMS-300BM, HMS-350BM, HMS-400BM, HMS-450BM, HMS-500BM, HMS-300W-1T, HMS-350W-1T, HMS-400W-1T, HMS-450W-1T, HMS-500W-1T

**Type of equipment:**  
 Interface device  
 Interface protection  
 Static conversion device  
 Rotary generation device  
Remark: The device is for plants up to 11.08kVA.

**Certification program:** BOS-P-01 Rev. 00

**Certification fundamental(s):** CEI 0-21:2019-04, CEI 0-21:2022, CEI 0-21;V1:2022-11  
See test report for detailed information.



Renewable Energy  
BOS&ESS-T-004 COC



中国认可  
产品  
PRODUCT  
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.  
Member of TÜV NORD Group  
Tel: +86-571-85386989  
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P.R. China

**Certification body:**

**TÜV NORD (HANGZHOU) CO., LTD.**

Room B409, Building 1, No. 9, Jiuhuan Road, Shangcheng District, Hangzhou City, Zhejiang Province, 310019, P.R. China  
Accredited by CNAS according to ISO/IEC 17065:2012, certificate no. CNAS C183-P.

**Testing laboratory:**

**Dongguan BALUN Testing Technology Co., Ltd.**

Room 104, 204, 205, Building 1, No. 6, Industrial South Road, Songshan Lake District, Dongguan, Guangdong, China  
Accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

**Conclusion:**

After verifying following documents, it is concluded that the product is in compliance with the requirements of CEI 0-21:2019-04, CEI 0-21:2022, CEI 0-21;V1:2022-11.

ISO 9001 certificate:

Certificate no. 15/23Q6628R31, issued by Hangzhou WIT Assessment Co.,Ltd.

Test report of CEI 0-21:2019-04, CEI 0-21:2022, CEI 0-21;V1:2022-11:

Report no. BL-DG23C1106-201, issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

This document is based on the evaluation of the samples of the above mentioned product(s). It does not imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV NORD mark. The holder of this document may use it in connection with the related test report(s).



Description of product(s):

<b>Model types.....:</b>	HMS-300-1T HMS-300-1A HMS-300BM HMS-300W-1T	HMS-350-1T HMS-350-1A HMS-350BM HMS-350W-1T	HMS-400-1T HMS-400-1A HMS-400BM HMS-400W-1T	HMS-450-1T HMS-450-1A HMS-450BM HMS-450W-1T	HMS-500-1T HMS-500-1A HMS-500BM HMS-500W-1T
<b>General information:</b>					
<b>Firmware.....:</b>	<b>V01.00.04</b>				
<b>PV input:</b>					
<b>Vmax PV [V d.c.].....:</b>	60		65		
<b>Mpp voltage range [V d.c.]..:</b>	16~60				
<b>Isc PV [A d.c.].....:</b>	20		25		
<b>Max. input current [A d.c.]..:</b>	12	13	14	15	16
<b>Overvoltage category (OVC).....:</b>	II				
<b>AC output (Grid Side) parameters:</b>					
<b>Rated output voltage [V a.c.].....:</b>	230/240				
<b>Raged output frequency [Hz].....:</b>	50/60				
<b>Max. apparent power [VA]...:</b>	300	350	400	450	500
<b>Max. output current [A a.c.]..:</b>	1.30	1.52	1.74	1.96	2.17
<b>Power factor cosφ [λ].....:</b>	>0.99(Default)				
<b>Overvoltage category (OVC).....:</b>	III				


